

Rollano



1954







The Old.

The New.

THE 1954 ROLLAMO

Presents

THE PROGRESS EDITION

P R O G R



Staff

Ralph Hollocher Editor
Ray Skubic Business Manager
Gunther Helm Photographer

E S S

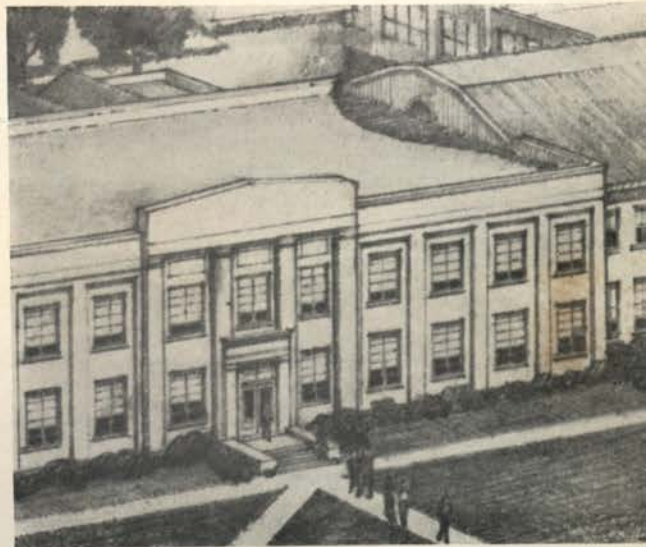
YESTERDAY



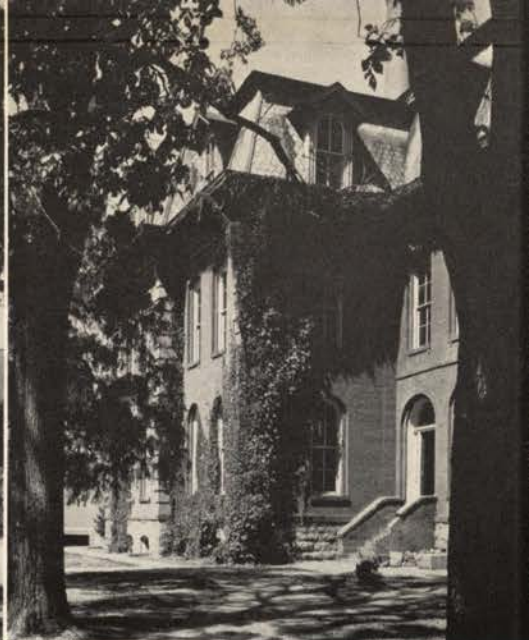
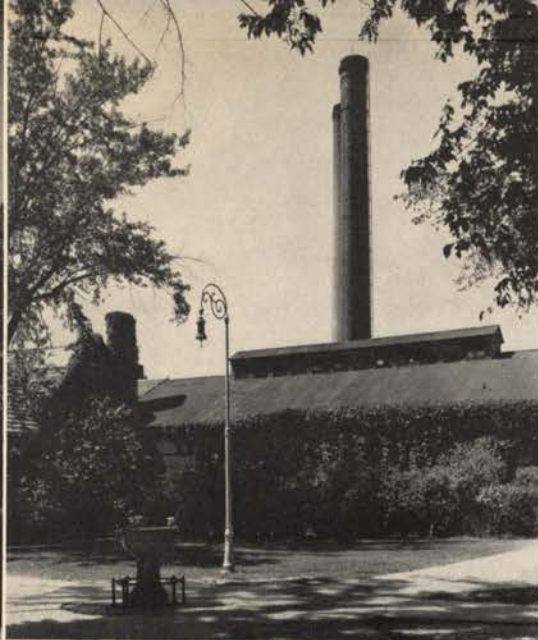
TODAY



AND TOMORROW



AS YOU, the reader, turn these pages, you will see the Miner progress scholastically, athletically, and socially. As yesterday built for today, so today we build for tomorrow.



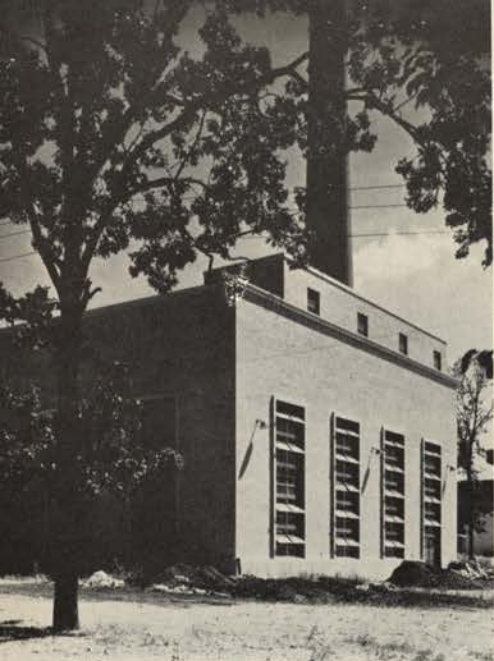
T H E O L D

1870

“B Y a peculiar prerogative, not only each individual is making daily advances in the sciences, and may make advances in morality, but all mankind together are making a continual progress in proportion as the

Y E S T E R D A Y



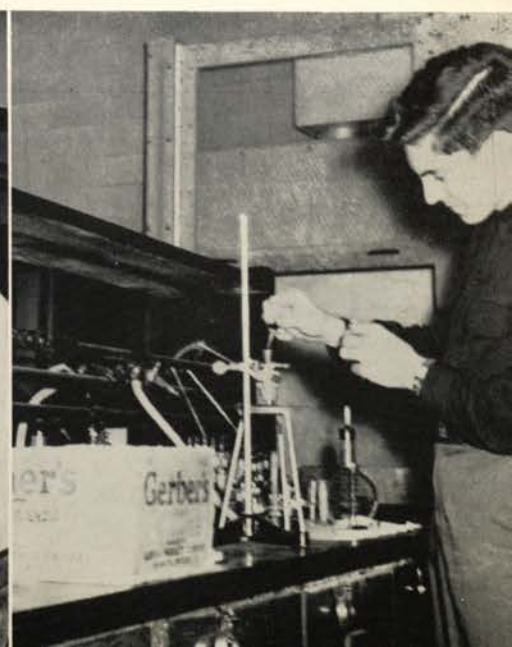


THE NEW

universe grows older; so that the whole human race, during the course of so many ages, may be considered as one man, who never ceases to live and learn." . . . Blaise Pascal

1954

AND TODAY





DEDICATION

TO Dr. Frederick A. Middlebush we dedicate this, the 48th edition of the Rollamo.

It is most fitting that the progress edition be dedicated to him, for during his nineteen years as president of the university, he has contributed a great deal to its advancement. Pulling the school through the Second World War, he has helped to build M.S.M. into one of the highest ranking engineering schools in the country. Now that he is retiring from his position, we should like to express to him our sincerest appreciation for a job well done.



FREDERICK ARNOLD MIDDLEBUSH, President of the University of Missouri, Professor of Political Science, 1922, 1935. A.B. 1913, A.M., 1914, Ph.D., 1916, Michigan; LL.D., Knox, 1937, Hope, 1937, Washington University, 1944.

*"Learning by study must be won; 'twas ne'er entailed from sire
to son" . . . Gay*

TO HELP the Miner to learn by study, the faculty of M.S.M.
has dedicated itself. This advancement in learning is felt
not long afterward in the engineering fields as the Miner
enters into the world of industry.

And what is engineering, but progress?

ADMINISTRATION



P r o g r e s s i n A d m i n



í s t r a t i o n a t M. S. M.



Time, the monument to progress.

Dr. Frederick A. Middlebush

**President, School of Mines
and Metallurgy**

University of Missouri



Board of Curators

THE Missouri School of Mines and Metallurgy is a division of the University of Missouri and is governed, therefore, by the same Board of Curators. This Board is composed of nine residents of the state of Missouri appointed by the Governor and confirmed by the State Senate. Appointments are for a six-year term, with each member of the Board being eligible for reappointment when his term runs out. Each two years three new members are appointed to the Board. Each year, the members of the Board of Curators appoint three of their number to serve as the Executive Committee for the Missouri School of Mines and Metallurgy. This committee meets monthly for the purpose of auditing claims and attending to such other business as is given them by the Board of Curators.

Dr. Fredrick A. Middlebush, for the past nineteen years president of the University of Missouri, is retiring from the presidency on June 30, 1954. This was made known by Powell B. McHaney, president of the Board of Curators, following a meeting of the Board in St. Louis on January 8. Dr. Middlebush headed the university through perhaps one of the most trying times of its history with the World War, and the extreme fluctuations of enrollment and the demands for the services of the University brought about by this conflict. Under his leadership the University has made outstanding progress. It was during this time that M.S.M. has perhaps made the greatest progress of any period in its history. An example of his constructive policies is the modernization of classrooms and laboratory facilities.





Curtis L. Wilson

Dean, Missouri School of
Mines and Metallurgy



CURTIS L. WILSON

B.S. 1916, Baltimore City College; E.M. 1920, Montana School of Mines;
Ph.D. 1928, University of Goettingen; Dean M.S.M., 1941.



DR. CURTIS L. WILSON, Dean of Missouri School of Mines and Metallurgy, is one of the outstanding figures in the field of engineering today. Dean Wilson graduated from Baltimore City College in 1916 and from Montana School of Mines in 1920. After working for a year, he joined the faculty of Montana School of Mines, teaching metallurgy and doing graduate work until 1926, when he went to Europe. In 1928 he received his Ph.D. from the University of Goettingen. He returned to Montana School of Mines as Professor of Metallurgical Engineering. In 1941 he accepted his present position as Dean of M.S.M. and since that time has strove to uphold the high standards of this institution. We of M.S.M. can be justly proud to have such a man as Dean of our school.

Vernon Gevecker

Assistant Dean

DEAN GEVECKER in his first year as Assistant Dean is called upon to perform many services relative to the welfare of the undergraduate student. He is also in charge of student counseling, the scholarship committee, coordination of extracurricular activities, and the presentation of certain scholarships and awards. Graduating seniors are thankful for his excellent work as head of the job placement service.



Noel Hubbard

Registrar

MR. NOEL HUBBARD was appointed Registrar of the Missouri School of Mines in 1942, having served as Assistant Registrar since 1923. Mr. Hubbard and his efficient office staff offer the sound advice and competent guidance that every individual student needs at some time during his years at M.S.M.

Aside from his normal capacities as Registrar, he finds time to take personal interest in the problems of the various students.



Marvín Caldwell

Business Manager

MARVIN T. CALDWELL, in his second year at M.S.M., has more than proven his ability to handle the complex matters that confront the business manager and his staff. The duties of the business manager are many and varied; they include the purchasing of supplies for maintenance and exercising control over contracts, deeds, and insurance.



Earl Randolph

Librarian

EARL J. RANDOLPH came to M.S.M. in June, 1946 to take over as head of the Library. Before 1941, Mr. Randolph received a B.S. in chemistry and an A.B. in library science. From 1941 to 1945 he served in the U. S. Army. It was in 1946, after receiving his A.M. in library science, that he came to M.S.M. Having technical training in undergraduate work, he is very familiar with literature in the technical field.



Ernest Hendrix

Superintendent of Buildings and Grounds

ELEVEN years ago M.S.M. employed Mr. Ernest P. Hendrix as an electrician. His knowledge in this field earned him the title of Superintendent of Buildings and Grounds. Mr. Hendrix performs all types of duties ranging from skilled electrical work to the job of acting as coordinator between the school and any contractor doing work for the school. He is a key man in the school's administrative system.



Mining Engineering Department



According to my calculations .



J. DONALD FORRESTER
Department Chairman
Professor of Mining Engineering, 1944.
B.S., 1928, Utah; M.S., 1929, Ph.D., 1935, Cornell.

FACULTY

BRUZEWSKI, ROBERT F., Assistant Professor of Mining Engineering, 1947, 1949. B.S. in Min., 1947, M.S., 1949, Missouri School of Mines.

DOTSON, JAY C., Instructor in Mining Engineering, 1951. B.S., 1950, Michigan College of Mining and Technology.

ECK, ROBERT A., Assistant Professor of Petroleum Engineering, 1953. M.S. in Min. E., 1943, Missouri School of Mines.

MARTIN, REX I., Assistant Professor of Petroleum Engineering, 1950. B.S., 1936, Royal School of Mines, London.

TAYLOR, LANGDON B., Assistant Professor of Petroleum Engineering, 1950, 1951. B.S. in M.E., 1935, Georgia Institute of Technology; M.S., 1951, Missouri School of Mines.

VINE, WILLIAM A., Associate Professor of Mining Engineering, 1947, 1950. B.S. in Min. E., 1942, E.M., 1947, Columbia.

Bruzewski Dotson Taylor
Martin Vine



AS in the past, the Mining Department, under the direction of Dr. J. D. Forrester, has remained one of the foremost departments here on the M.S.M. campus. The Mining Department offers varied courses of study in the three optional fields of Mining Engineering; namely, Mining, Mining Geology, and Petroleum Engineering.

Classroom work is supplemented by fully equipped laboratories, located in the Mining Building, which gives the student a complete course of study in practical mining problems. In addition to classroom and laboratory facilities, the Mining Department provides a full scale experimental mine, in which the students can engage in actual practice.

Mining Engineering Building

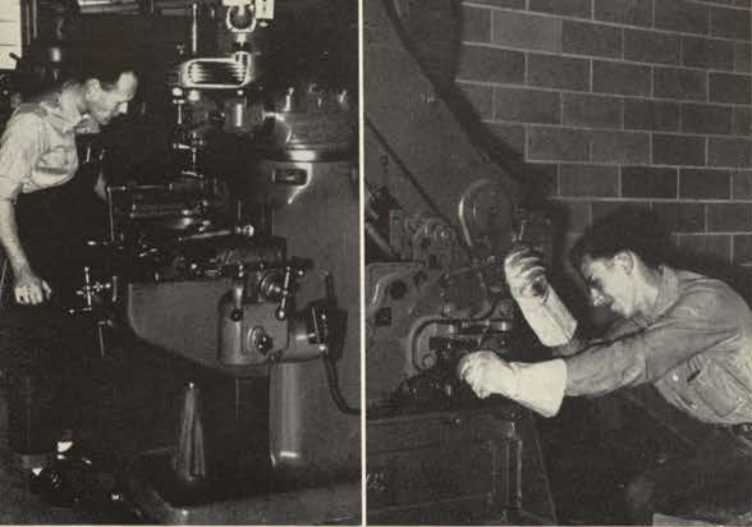




Mechanical Engineering Building

Mechanical Engineering Department

MECCHANICAL ENGINEERING is a large field and quite extensive in scope. There are numerous phases of Mechanical Engineering such as power plant design, machine design, shop practice, applied mechanics, refrigeration, air conditioning, etc. The University curriculum for Mechanical Engineering students is perhaps more fundamental and less specialized than other engineering curriculum, due to the size and scope of the Mechanical Engineering field. This is, in many respects, greatly to the student's advantage, since it en-



New milling machine.

Metal cutting.

ables him to choose his option later in his college course or to change areas of service later in professional life to suit the trend of industrial progress and development.

It is the object of the Mechanical Department to give the students a comprehensive training in the fundamentals of Mechanical Engineering. In strong support of the lectures, is an extensive modern laboratory with up-to-date design and experimental equipment.



Chase
Thorpe

Scofield

Woodman
Kilpatrick

Schowalter

Young
Remington



AARON J. MILES
Department Chairman
Professor of Mechanical Engineering,
1930, 1943.
B.S., 1930, M.S., 1931, Missouri School
of Mines.
Sc.D., 1935, Michigan.

FACULTY

CHASE, EUGENE C., Associate Professor of Mechanical Engineering, 1947, 1950. B.S. in M.E., 1947, Wyoming; M.S. in M.E., 1950, Missouri School of Mines.

KILPATRICK, A. VERN, Associate Professor of Mechanical Engineering, 1926, 1931. B.S. in M.E., 1925, M.E., 1931, South Dakota State College.

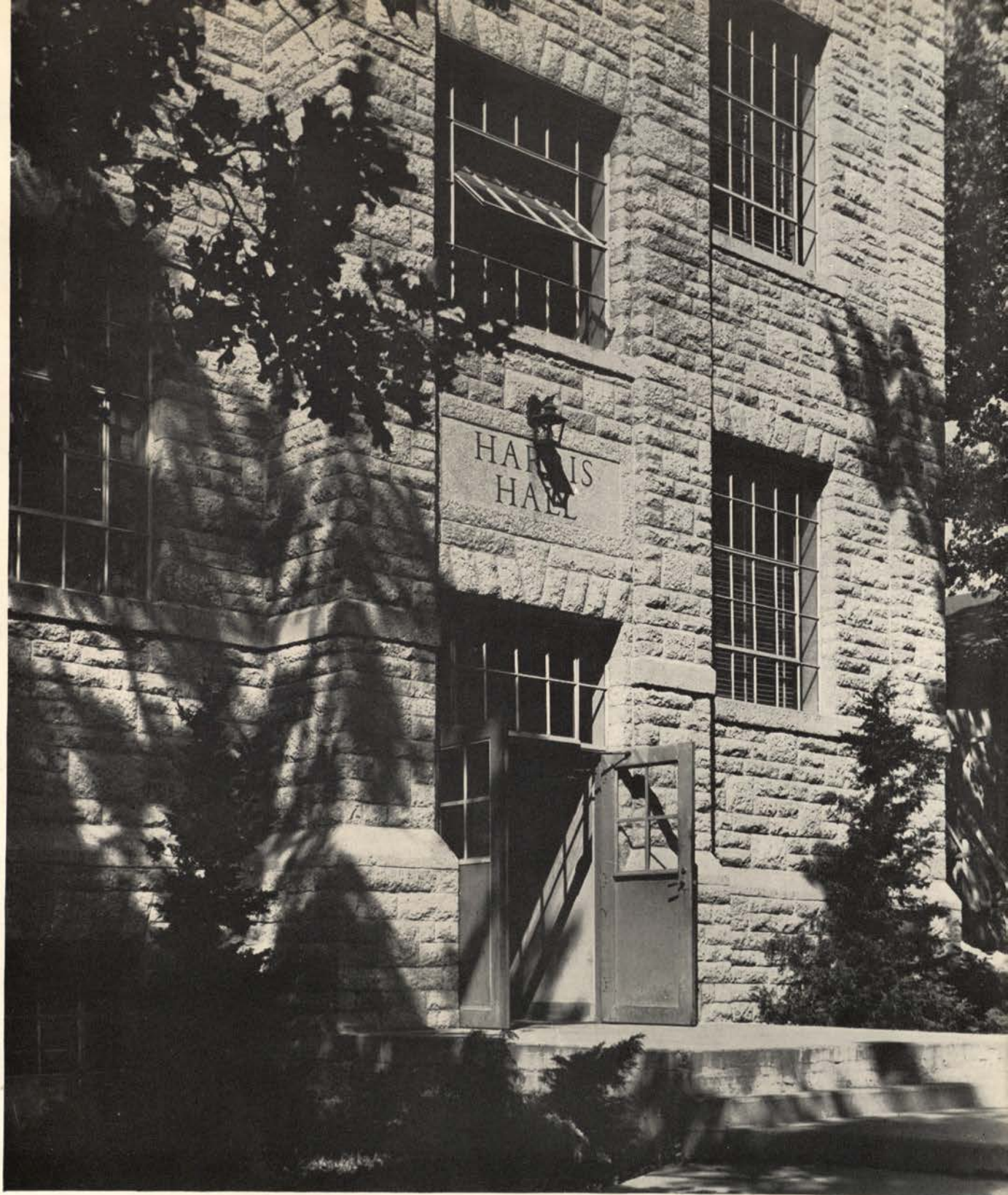
REMINGTON, CHARLES R., JR., Instructor in Mechanical Engineering, 1950. B.S., 1941, M.S., 1950, Missouri School of Mines.

SCHOWALTER, RALPH E., Instructor in Mechanical Engineering, 1949. B.S. in M.E., 1949, M.S., 1951, Missouri School of Mines.

SCOFIELD, GORDON L., Associate Professor of Mechanical Engineering, 1948, 1952. B.S. in M.E., 1946, Purdue; M.S., 1949, Missouri School of Mines.

THORPE, CLARE J., Associate Professor of Mechanical Engineering, 1942, 1952. B.S. in M.E., 1935, M.S., 1948, Missouri School of Mines.

YOUNG, REAGAN H., Associate Professor of Mechanical Engineering, 1925, 1942. B.S. in M.E., 1921, Georgia Institute of Technology.



Harris Hall

FACULTY

CARLTON, ERNEST W., Professor of Structural Engineering, 1923, 1936. B.S. in M.E., 1920, M.S. in Ind. Ed., 1926, Colorado Agricultural College; B.S. in C.E., 1926, C.E., 1935, Missouri School of Mines.

ESBAUGH, CLIFFORD W., Associate Professor of Civil Engineering, 1943, 1945. B.S., 1925, Kansas State.

HERSHKOWITZ, LEON, Assistant Professor of Civil Engineering, 1946, 1949. B.S. in C.E., 1941, M.S. in C.E., 1948, C.E., 1949, Missouri School of Mines.

MUIR, CLIFFORD D., Assistant Professor of Civil Engineering, 1948. B.S. in C.E., 1947, Texas A. & M.; M.S. in C.E., Missouri School of Mines.

ROBERTS, J. KENT, Assistant Professor of Civil Engineering, 1947, 1950. B.S. in C.E., 1947, Oklahoma; M.S. in C.E., 1950, Missouri School of Mines.

SENNE, JOSEPH H., JR., Assistant Professor of Civil Engineering, 1938, 1952. B.S. in C.E., 1948, Washington University; M.S., 1951, Missouri School of Mines.

SCHOOLBRED, ROBERT A., Instructor in Civil Engineering, 1952. B.S., 1951, Clemson Agricultural College.



Civil Engineering Department

Look! The third window . . .

THE oldest engineering profession, Civil Engineering, is offered in a manner designed to provide thorough training in the fundamental principles upon which professional engineering was founded. Although the Civil Engineering curriculum includes subjects common to all curricula for the first two years, specialization in various branches of the profession is provided during the junior and senior years.

The Civil Engineering Department strives to prepare the graduate for technical positions in design, construction, management, operation, and promotion of engineering projects.



Carlton
Gevecker

Hershkowitz
Eshbaugh
Senne

Muir
Roberts



JOE B. BUTLER
Department Chairman

Professor of Civil Engineering, 1920, 1931.
B. E. in C.E., 1915; B.S. in Ed., 1924, Oklahoma A. & M.;
C.E., 1922, M.S. in C.E., 1924, Missouri School of Mines.

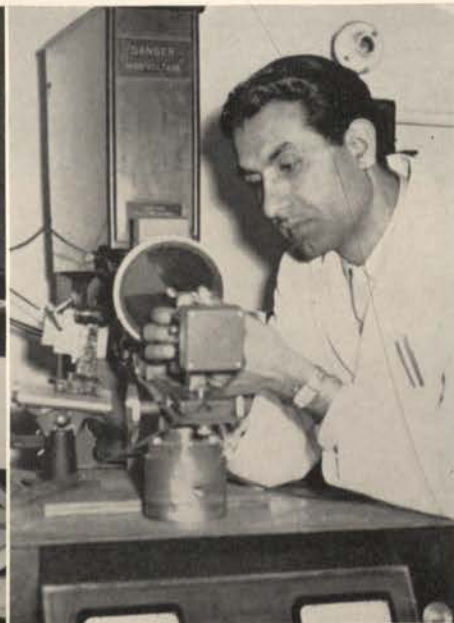
Metallurgical Engineering Department



ALBERT W. SCHLECHTEN
Department Chairman

Professor of Metallurgical Engineering, 1946.
B.S. in Met. E., 1937, Montana School of Mines; D.Sc., 1940, M.I.T.

METALLURGY may be defined as the art and science of extracting metals from their ores and other metal-bearing products, making alloys, and adapting these metals for the utilization and betterment of mankind. The Met. curriculum is planned so as to give the student a thorough knowledge in all phases of Metallurgy. The subject of Metallurgical Engineering is subdivided into four divisions: Mineral Dressing, Extractive Metallurgy, Physical Metallurgy, and Foundry Engineering.



Hanley
Wolf
Legsdin

Morris
Eppelsheimer
Straumanis

Ugh! Mash!

X-ray diffraction.



Metallurgical Engineering Building

FACULTY

EPPELSHEIMER, DANIEL S., Professor of Metallurgical Engineering, 1947, 1948. B.S., 1932, D.Sc., 1935, Harvard.

FRAD, WILLIAM A., Instructor in Metallurgical Engineering, 1952. B.S. in Ed., 1932, South Dakota Northern State Teachers College; M.S. in Met., 1941, Iowa.

HANLEY, HERBERT R., Professor Emeritus of Metallurgical Engineering, 1923, 1946. B.S. in Min. E., 1901, Met. E., 1918, D. Engr., 1946, Missouri School of Mines.

LEGSDIN, ADOLPH, Associate Professor of Mineral Dressing, 1940. Eng. of Mines, 1923, Freiberg Mining Academy; M.S. in Min. Dressing, 1933, Columbia.

MORRIS, THOMAS M., Associate Professor of Metallurgical Engineering, 1947, 1951. B.S., 1938, M.S., 1940, Columbia; Ph.D., 1950, Missouri.

STRAUMANIS, MARTIN E., Research Professor of Metallurgy, 1947, Engr. Chem., 1925, Dr. Chem., 1927, University of Latvia.

WOLF, ROBERT V., Instructor in Metallurgical Engineering, 1951. B.S., 1951, M.S., 1952, Missouri School of Mines.

Chemical Engineering Department

Chemical Engineering Building





WALTER T. SCHRENK
Department Chairman

Professor of Chemical Engineering, 1923, 1929.
B.S., 1915, Monmouth; M.S., 1919, Ph.D., 1922,
Wisconsin.

THE field of Chemical Engineering is the most diversified of all fields of engineering. A graduate Chemical Engineer is qualified to assume a position in a large number of industries, such as: those manufacturing dyes, explosives, petroleum products, etc. The majority of the graduates in this curriculum find work in the laboratory, pilot plant, development, design, construction, plant operation, technical sales and administration, or enter the teaching profession. The completion, this past fall, of the Chemical Engineering Building has greatly added to the facilities already at hand.

FACULTY

BRAND, GLENN E., Assistant Professor of Chemical Engineering, 1952. B.S., 1939, M.S., 1948, Missouri School of Mines.

CONRAD, FRANK H., Professor of Chemical Engineering, 1936, 1947. B.S. in Ch.E., 1923, Ph.D., 1934, University of Washington.

FISHER, EMORY D., Professor of Chemical Engineering, 1946, 1950. B.S., 1931, Dakota Wesleyan; Ph.D., 1935, Wisconsin.

JAMES, WILLIAM J., Assistant Professor of Chemistry, 1953. B.S., 1949, Tufts College; M.S., 1952, Ph.D., 1953, Iowa State.

LAY, ORMOND K., Instructor in Chemical Engineering, 1952. B.S., 1932, Missouri School of Mines.

MARTIN, ARLISS V., Instructor in Chemical Engineering, 1953. B.S., 1947, M.S., 1951, Missouri School of Mines.

RUSSELL, ROBERT R., Associate Professor of Chemical Engineering, 1948, 1952. A.A., 1941, Graceland College; A.B., 1943, M.A., 1946, Ph.D., 1949, Kansas.

SMITH, NORMAN L., Associate Professor of Chemical Engineering, 1950, 1952. B.S. in Ch.E., 1943, Arkansas; Ph.D., 1950, Minnesota.

SUTHERLAND, RICHARD O., Assistant Professor of Chemistry, 1951. Ph.B., 1931, M.S., 1934, Yale; Ph.D., 1936, Wisconsin.

WEBB, WILLIAM H., Associate Professor of Chemical Engineering, 1938, 1950. B.S., 1935, Mississippi State; M.S., 1939, Missouri School of Mines; Ph.D., 1949, Wisconsin.



Brand



Smith



Russell



Conrad



Webb



Fisher

Bubble, bubble, toil and trouble.



SINCE its origin as part of the Physics Department, Electrical Engineering has become an increasingly important part of the curriculum at M.S.M. The first degree in Electrical Engineering was granted in 1917, when it was still a part of the Physics Department. In 1924, a separate department of Electrical Engineering was established.

The theory learned in the classroom is used in the laboratory which presents fundamental electric testing methods, as well as habits of accurate observation and experience in the preparing of technical re-



What next?



Grimm

Rittenhouse

Skitek
Zaborszky

Nolte

Horton

ports. The curriculum is so arranged that most of the required courses providing the basic fundamentals for all fields of Electrical Engineering are completed within the first three years. This arrangement permits the senior to select his courses from a large group of electives, thereby enabling him to concentrate his final efforts in the specific field in which he is interested.

FACULTY

FREEMAN, DAVID J., Instructor in Electrical Engineering, 1953. B.S., 1950, Missouri School of Mines.

GRIMM, CLAUDE J., Assistant Professor of Electrical Engineering, 1948, 1952. B.S. in E.E., 1930, Missouri School of Mines.

HORTON, HORACE R., Assistant Professor of Electrical Engineering, 1948. B.E.E., 1916, Arkansas.

NOLTE, ROGER E., Associate Professor of Electrical Engineering, 1949. B.S. in E.E., 1943, M.S., 1948, Iowa State.

PERALTA, BEN C., Instructor in Electrical Engineering, 1953. B.S. in E.E., 1953, Oklahoma A. & M.

RITTENHOUSE, JOSEPH W., Associate Professor of Electrical Engineering, 1947, 1952. B.S. in E.E., 1939, Purdue; M.S. in E.E., 1949, Missouri School of Mines.

SKITEK, GABRIEL G., Associate Professor of Electrical Engineering, 1943, 1952. B.S., 1943, M.S., 1949, Missouri School of Mines. On leave.

ZABORSZKY, JOHN, Professor of Electrical Engineering, 1948, 1952. Dipl. Eng., 1937, D.Sc., 1942, Royal Hungarian Technical University, Budapest.

ISRAEL H. LOVETT
Department Chairman

Professor of Electrical Engineering, 1921, 1931.
S.B., 1914, M.I.T.; E.E., 1924, Missouri School of Mines;
M.S.E., 1928, Michigan.



Electrical Engineering Department

Norwood Hall



Ceramic Engineering Department



Shulze

Planje

FACULTY

PLANJE, THEODORE J., Associate Professor of Ceramic Engineering, 1946, 1951. B.S. in Cer. E., 1940, Missouri School of Mines; Ph.D., 1950, Missouri.

SHULZE, CHARLES E., Instructor in Ceramic Engineering, 1949. B.S. in Cer. E., 1947; M.S., 1951, Missouri School of Mines.



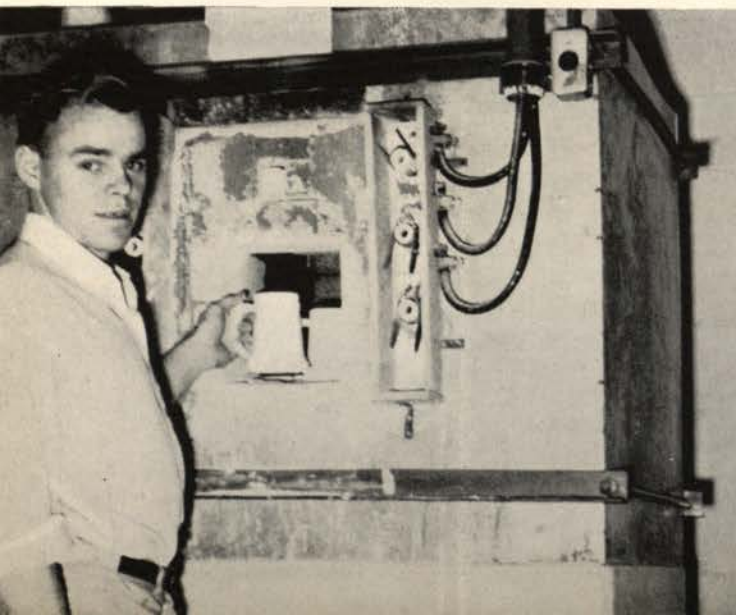
PAUL G. HEROLD
Department Chairman

Professor of Ceramic Engineering, 1936, 1944.
B. Cer. E., 1931, M.S., 1932, Ph.D., 1934, Ohio State University.

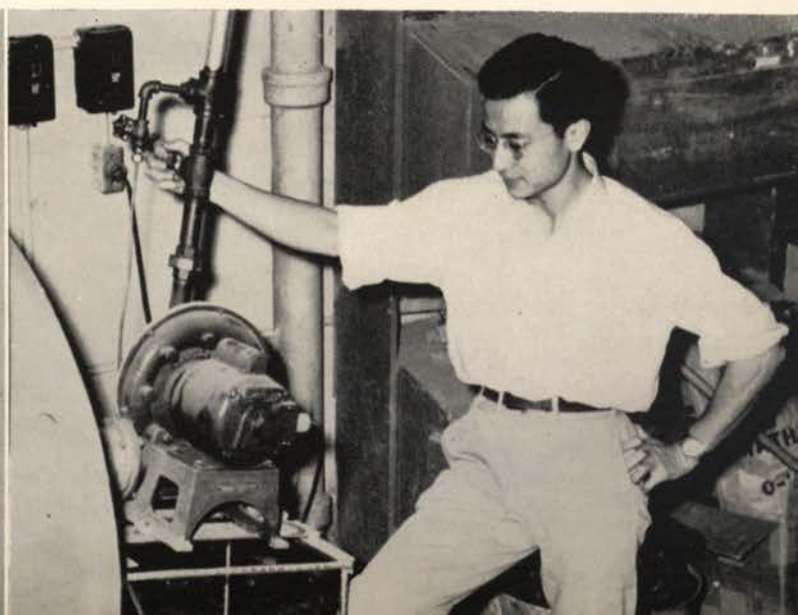
CERAMIC ENGINEERING is that branch of engineering concerning the manufacture of products utilized by mankind from non-metallic, inorganic material; the processing of which employs high temperature reactions.

The curriculum of the Ceramics Department affords a well-rounded study of the fundamental sciences and allied engineering subjects as well as all branches of Ceramic Engineering. The Ceramics course features more laboratory work than the other curriculums here on the Missouri School of Mines campus.

Water pitchers?



Open 'er up.





Experiment Station



Mechanics Building



Heagler
Schaefer

ALMOST every student attending M.S.M. has at one time or another a contact with the Mechanics Department. The classes in this department are designed to tie together the principles of pure sciences such as physics and math to practical advanced courses of construction and design taught in higher courses of the students' curriculum. The mechanics courses are, therefore, the beginning courses in the application of abstract ideas to useful engineering principles which the student will encounter after graduation. For these reasons every student is required to take the well-known courses, "Statics and Mechanics of Materials". Many other curricula on the campus require their students to take "Dynamics" and "Materials Testing Lab". For the most part, these courses involve the solving of structural problems confronting the engineer in the construction of almost anything. There are also many

Mechanics Department

FACULTY

HANSON, PETER G., Instructor in Mechanics, 1953. B.S., 1953, Missouri School of Mines.

HEAGLER, JOHN B., JR., Instructor in Mechanics, 1951. B.S. in C.E., 1951, Missouri School of Mines.

SCHAEFFER, RODNEY A., Assistant Professor of Mechanics, 1947, 1950. B.S. in E.E., 1947, M.S. in E.E., 1950, Missouri School of Mines.

A mild riot.



ROBERT F. DAVIDSON
Department Chairman
Associate Professor of Mechanics, 1946, 1953.
B.S. in C.E., 1941, M.S. in C.E., 1949,
Missouri School of Mines.

advanced courses offered to the undergraduate and graduate student, such courses as Advanced Mechanics of Materials and Materials of Construction, which along with the others prove to be interesting and vital courses.

"Materials Testing", the only lab course taught by the department, provides an opportunity for students to observe the actual practice of testing concrete, steel, and wood structures for their ability to withstand tensile, compressive, and shearing stresses. Several large testing machines form the integral part of the lab, this also assures very accurate tests.

The importance of the Mechanics Department in an engineering education is obvious, for as long as the curricula of the other departments depend so highly upon it, no one will become an engineer without venturing into the Mechanics Department.

Humanities Department

THE basic purposes of the Humanities Department is to turn out better engineers, to add to their training for a better democracy, and to increase their opportunities for the difficult job of linking together an engineer's education with the problems that are to be found in industry.



SAMUEL H. LLOYD, JR.
Department Chairman
Professor of Economics, 1921, 1946.
A.B., 1918, DePauw; M.S., 1921, Missouri School of Mines.

FACULTY

AUDRAIN, JOHN P., Instructor in English, 1947.
B.A., 1925, M.A., 1936, Oklahoma.

BARR, JO W., Instructor in History, 1948. A.B.,
1936, M.S., 1937, Washington University.

BREWER, JOHN M., Instructor in English, 1947.
B.Ed., 1935, Southern Illinois; M.A., 1942,
Illinois.

CAGG, MILES H., Assistant Professor of Eng-
lish, 1927, 1931. B.S., 1917, A.B., 1920, Ohio;
M.A., 1921, Ohio State.

CHRISTY, CARL, Assistant Professor of Eng-
lish, 1946, 1949. B.A., 1944, Colorado.

GARNER, MELVIN L., Instructor in Economics,
1946. B.S., 1941, Indiana.

MOULDER, KARL M., Instructor in English,
1947. B.S., 1935, Drury; M.A., 1948, Wash-
ington.

MURPHY, WILLIAM J., Instructor in English.
1946. Ph.B., 1942, University of Detroit;
M.A., 1944, University of Kansas City.

PHILLIPS, WILLIAM R., Assistant Professor of
English, 1946, 1949. B.Ed., 1939, Southern
Illinois; M.A., 1942, Illinois.

STEINMEYER, JOHN A., Instructor in Econom-
ics, 1946. B.J., 1934, Missouri.



Steinmeyer
Garner

Christy

Moulder

Cagg

Audrain
Brewer

Mathematics Department

MATHEMATICS, the foundation of all science, is an important tool for all types of engineers. The Math Department offers a series of subjects from algebra to differential equations. The student and graduate are continuously applying their mathematical knowledge to solve various problems they may encounter throughout their lifetime.

The Math Department's activities are centered on the second floor of the old Chem. Building.



ROLFE M. RANKIN,
Department Chairman
Professor of Mathematics, 1922, 1946.
A.B., 1916, Maryville (Tenn.); A.M., 1922, Chicago;
B.S. in C.E., 1927, Missouri School of Mines.

Erkiletian



Kerr
Zupsich



FACULTY

- DALY, DOUGLAS L., Instructor in Mathematics, 1952. A.B., 1941, Michigan State Normal; M.A., 1945, Michigan.
- ERKILETIAN, DICKRAN H., Assistant Professor of Mathematics, 1942, 1946. A.B., 1936, Western Kentucky State Teachers; M.A., 1938, Illinois.
- JOHNSON, CHARLES A., Assistant Professor of Mathematics, 1946, 1948. B.Ed., 1937, Northern Illinois State Teachers; M.A., 1940, Northwestern; Ph.D., 1950, Kansas.
- KERR, RICHARD H., Assistant Professor of Mathematics, 1946, 1951. A.B., 1929, Southwest Missouri State; M.S., 1950, Missouri School of Mines.
- LEE, RALPH E., Assistant Professor of Mathematics, 1946, 1953. B.S., 1942, Missouri Valley; M.S., 1949, Missouri School of Mines.
- LLOYD, FRANK H., Instructor in Mathematics, 1953. B.S., 1948, Westminster; M.A., 1951, Missouri.
- PAGANO, SYLVESTER J., Assistant Professor of Mathematics, 1946, 1950. B.S., 1946, Missouri School of Mines; A.M., 1948, Washington University.
- REETZ, ARTHUR, JR., Instructor in Mathematics, 1953. B.S., 1951, South Dakota.
- RIGGS, BERNARD M., Instructor in Mathematics, 1953. B.S., 1951, Dubuque.
- THOMAS, JAMES E., Instructor in Mathematics, 1952. B.S. in Ed., Missouri Valley College.
- ZUPSICH, MIKE, Assistant Professor of Mathematics, 1947-1953. A.M., 1939, Illinois College; M.A., 1946, Illinois.



Daly



Thomas



OLIVER R. GRAWE
Department Chairman
Professor of Geology, 1928, 1946.
A.B., 1922; M.S., 1924, Washington; Ph.D., 1927, Iowa.

THE Geology Department, located on the second and third floors of Norwood Hall, is a gathering spot for students of many departments. So it should be, for Geology directly affects many phases of engineering. This department provides the necessary subjects to aid in the completion of the Metallurgy, Mining, and Ceramics curriculum. The department does not only serve to complete other curricula but turns out a fine brand of "straight" Geology.

Geology Department

FACULTY

FRIZZELL, DON L., Professor of Geology, 1948, 1952. B.Sc., 1930, M.S., 1931, University of Washington; Ph.D., 1936, Stanford.

GABRIEL, VITTALI G., Associate Professor of Geophysics, 1949. B.S., 1925, University of California; M.S., 1931, Sc.D., 1933, Colorado School of Mines.

MORGAN, RAY E., Associate Professor of Economic Geology, 1948. B.A., 1936, M.S., 1941, Minnesota.

NACKOWSKI, MATTHEW P., Associate Professor of Geology, 1947, 1953. A.B., Geology, 1941, California; M.S., 1949, Missouri School of Mines; Ph.D., 1952, Missouri.

ROSENFELD, JOHN L., Assistant Professor of Geology, 1949. A.B., 1942, Dartmouth; A.M., 1949, Harvard.

SPRENG, ALFRED C., Assistant Professor of Geology, 1950. A.B., 1946, College of Wooster; M.A., 1948, Kansas; Ph.D., 1950, Wisconsin.



Rosenfeld
Nackowski
Higgs

Spreng
Gabriel
Morgan

Physics Department



Jensen

Lund

Bessey

PHYSICS, the mother of the subsidiary sciences of mechanics, heat, light, electricity, and magnetism, is truly an important subject and should be well remembered by all students of engineering. Important, in that here in the Physics Department the student gets the fundamental knowledge he needs to comprehend the advanced theories put forth by his own department. In addition to the required courses, the department has many advanced courses in physics to offer.

At the present time, the Physics Department is located in Norwood Hall. Due to the large enrollment in first and semester physics lecture the department holds classes in other buildings on the campus.

The department, under the leadership of Dr. Harold Q. Fuller, possesses the necessary capabilities to provide the young engineering student with a rigid foundation in this important science, which is essential to all branches of engineering.

FACULTY

BESSEY, WILLIAM H., Associate Professor of Physics, 1952. S.B., 1934, Chicago; M.S., 1935, D.Sc., 1940, Carnegie Institute of Technology.

CHOATE, ROBERT L., Instructor in Physics, 1953. B.S., 1950, M.S., 1951, Missouri School of Mines.

COLE, MALCOM B., Instructor in Physics, 1953. B.A., 1938, M.A., 1948, Wisconsin.

JENSEN, WILLIAM J., Associate Professor of Physics, 1924, 1930. A.B., 1920, Carleton; A.M., 1922, Illinois.

LUND, LOUIS H., Associate Professor of Physics, 1948, 1952. A.B., 1940, Kansas Wesleyan; M.A., 1943, Ph.D., 1949, Missouri.

WOODMAN, LEON E., Professor Emeritus of Physics, 1919, 1948. A.B., 1899, A.M., 1902, Dartmouth; Ph.D., 1910, Columbia.

HAROLD Q. FULLER
Department Chairman
Professor of Physics, 1947.
A.B., 1928, Wabash; A.M., 1930, Ph.D., 1932, Illinois.





LLOYD C. CHRISTIANSON
Department Chairman

Associate Professor of Engineering Drawing and Descriptive Geometry, 1946.
B.A., 1925, Westminster; M.A., 1928, Missouri.

ENGINEERING DRAWING can well be called the graphic language of the engineer. One of the basic requirements of an engineer lies in his ability to convey new ideas. This can be accomplished through a graphic or pictorial representation. Since there is a definite recognized procedure involved in presenting these representations, it is the aim of the department to present the underlying principles concerned in drafting work and at the same time to give enough practical drafting work to affix these principles in the student's mind. With this foundation the student should be able to continue into advanced work and be able to do creditable professional drafting work.

The department has as its chairman Professor Lloyd C. Christianson, who has been with the school since 1946. The department occupies the entire second floor of the Mining Building, and includes seven laboratory rooms, a blueprint room, and a projection room. The blueprint room includes all the most modern, up-to-date equipment possible.

Engineering Drawing Department



Thompson



Johnson

FACULTY

FLETCHER, HENRY R., Instructor in Engineering Drawing and Descriptive Geometry, 1953. B.S., 1953, Missouri School of Mines.

GOUL, RICHARD D., Instructor in Engineering Drawing and Descriptive Geometry, 1953. B.S., 1952, Missouri School of Mines.

JOHNSON, RICHARD E., Instructor in Engineering Drawing and Descriptive Geometry, 1951. B.S., 1950, Northeast Missouri State Teachers College.

LEITNER, WELLS N., Instructor in Engineering Drawing and Descriptive Geometry, 1953. B.S., 1953, Missouri School of Mines.

THOMPSON, HOMER F., Assistant Professor of Engineering Drawing and Descriptive Geometry, 1946, 1953. B.S. in Ch.E., 1932; B.S. in C.E., 1950, Missouri School of Mines.

VICKERS, JOHN M., Instructor in Engineering Drawing and Descriptive Geometry, 1952. B.S., 1950, Illinois; M.Ed., 1952, Texas A. & M.

Eldridge Goodhue

PROFESSOR E. L. GOODHUE will long be remembered by the many students who came within the sphere of his influence while at the School of Mines. As a man he was quiet, conservative, sincere and loyal; as a teacher he was competent, thorough and precise. His life's ambition was to instill in the lives of students the highest of ideals and principles, dedicating his whole life to the training of young men for useful careers in the fields of science. He will be long remembered as a good friend as well as a good instructor.



ELDRIDGE GOODHUE

— In Memoriam —



ROBERT PEABODY

Robert Peabody

DR. PEABODY was an educator in the true sense of the word. His genial humor, his pleasant attitude, and his interesting and informative lectures will long be remembered by the students who came into contact with him. Although he was on the M.S.M. faculty for only three semesters his prominent influence in the Chemical Engineering Department was by no means insignificant. His popularity can be attributed to his ability to present subject matter on the level of the modern day youth. His primary aim was to teach and not merely present information.

Military Department



COL. EUGENE E. MOYERS
Department Chairman
Professor of Military Science and Tactics, 1953.
B.S., Tennessee.



BOSKY, WALTER F. (MAJ.), Associate Professor
of Military Science and Tactics, 1952. B.S.,
1937, Georgia Institute of Technology.

DOWNEY, OLIVER E. (CAPT.), Assistant Professor
of Military Science and Tactics, 1953. B.S.,
Kansas State Teachers.

GERRARD, CLARENCE C. (CAPT.), Assistant Pro-
fessor of Military Science and Tactics, 1952.
B.S., 1950, Utah.

SHEPPARD, ALBERT D., JR. (CAPT.), Assistant Pro-
fessor of Military Science and Tactics, 1952.
B.S., 1945, U. S. Military Academy; M.S., 1949,
California.

Downey, Bosky, Sheppard, Gerrard.



Siebold, Hess, Roeth, Howard,
McKelvey, Huddle.

Military Department

THE largest class on the M.S.M. campus meets each Wednesday morning, weather permitting, for drill. This class consists of first and second year basic R.O.T.C. students under the direction of cadet officers of the advanced R.O.T.C. unit, and supervised by the army personnel stationed here.

Missouri School of Mines, a land grant college, is under the provisions of the Morrill Act, which requires four semesters of basic military training for all non-veteran students. A four semester course in advanced R.O.T.C. is offered to those interested after completion of the basic course. The advanced students receive a monthly subsistence allowance from the federal government and upon completion of the course they are qualified to receive a commission as

Second Lieutenant in the Officers Reserve Corps.

Since 1873, when the organization's activities began, the unit has instructed men in the principles of leadership, drill, and command; hygiene and first aid; bridge and road construction; combat intelligence; and other courses too numerous to mention. That this training for leadership is thorough is made evident by viewing the military records of those who have completed the course.

Colonel E. E. Moyers, Professor of Military Science and Tactics, heads a staff of four officers and four enlisted men whose experiences have been interesting and varied. These men are well qualified to teach the various phases of military training.

Skirmishers.



Bazooka Instructions.



FIRST ROW: McMullin, D. Puyear, Helm, Highfill, Gessley, Dorris. SECOND ROW: Krom, Schultz, Hughes, R. Puyear, Jones, Meyer, Matthews. THIRD ROW: Conrad, Myers, Lamb, Bellman, Hinds, Fulkerson, Matz.

Pershing Rifles

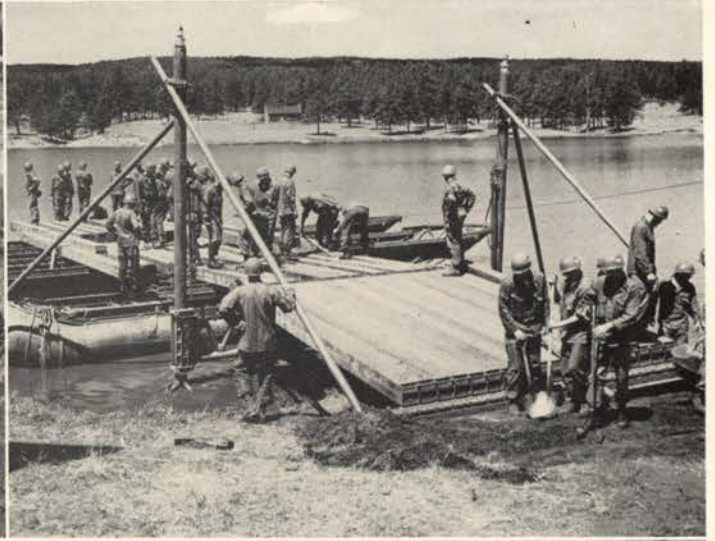


*Column right!
Big Guns.*

IN THE spring of 1948, it was decided by a group, known as the Detonators, that affiliation with a nationwide organization would re-establish interest in a military type organization. With this in mind, the Detonators applied for a charter from the Pershing Rifles. In the spring of 1949, they officially became known as Company K of the Seventh Regiment.

The Pershing Rifles is a nationwide organization founded in the name of General John J. Pershing. Although its primary function is to provide a crack drill team for football games, it has many other activities, including movies that are supervised by the Military Department.

Military Department



*Timber trestle pilings.
Water purification.
Mine detection instructions.*

*Pontoon bridge.
Physical Education.
Airfield construction.*

"All wish to possess knowledge, but few, comparatively speaking, are willing to pay the price" . . . Juvenal.

LONG sleepless hours studying for that quiz; the term paper that's due tomorrow; the rigors of final week . . . Yes, the graduates of M.S.M. have clearly paid the price, and they know that it was well worth while. From the time they are the greenest of freshmen they face their problems daily until they emerge to take their places among the best in the various fields of engineering.

And who can say that this acquisition of knowledge is not progress?

CLASSES



P r o g r e s s í n



C l a s s e s a t M. S. M.

Senior Class

Aceto, Wayne M.....Mechanical.....St. Louis, Mo.

Affolter, Earl G.....Civil.....Rolla, Mo.
ASCE.

Amundson, Robert Boyd.....Mechanical.....Osceola, Ark.
Sigma Pi, Secretary, First Councilor; Glee Club; Canterbury
Club; I.F.C.; ASME; Blue Key; Honor List; Distinguished
Military Student; Phi Kappa Phi Book Plate Award; Tau
Beta Pi; Silver Key Award.

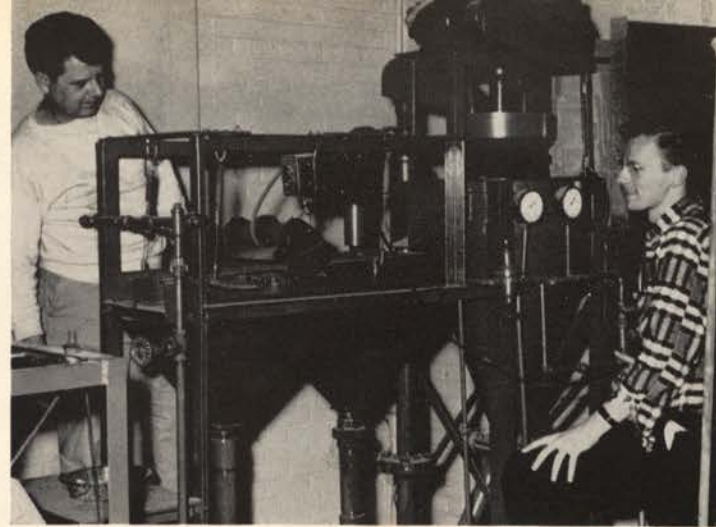
Anderson, David O.....Ceramics.....Lemay, Mo.
Kappa Sigma, Treasurer; AIME; Petroleum Club; Rollamo
Board; Track Squad; ACS; "M" Club; Keramos, Treasurer.

Anderson, Searles T.....Mining.....Moberly, Mo.
Lambda Chi Alpha, Secretary; Glee Club; Theta Tau, Inner
Guard; AIME; Student Council; Student Assistant, Military
Department.

Archer, David W.....Mining-Geology.....Chillicothe, Mo.
Engineer's Club; AIME; Spelunkers, Treasurer; Student Coun-
cil Alternate; Petroleum Club.

Ashley, Wilford M.....Mining-Petroleum.....Casey, Ill.
Petroleum Club; Sigma Pi, Sergeant-at-Arms; I.F.C.; "M"
Club; Theta Tau; Blue Key; Tau Beta Pi.

Auten, Roy D.....Civil.....Rolla, Mo.



Ach!

Berenato, Anthony J.....Mechanical.....Hammonton, N. J.
Tau Kappa Epsilon; ASME.

Bieser, Robert.....Electrical.....Bonne Terre, Mo.
Engineer's Club; Theta Kappa Phi, Executive Council; AIEE,
Program Chairman.

Bruns, Thomas V.....Metallurgy.....St. Louis, Mo.
Tau Kappa Epsilon; Miner Board, Sports Editor.

Aceto
Ashley
Burgess

Affolter
Auten
Burgett

Amundson
Berenato
Burns

Anderson, D.
Bieser
Camenzind

Anderson, S.
Bruns
Campen

Archer
Bunte
Carpenter



Bunte, Kenneth W.....Mechanical.....Bonne Terre, Mo.
Engineers Club; ASME, Treasurer.

Burgess, Alan B.....Metallurgy.....Normandy, Mo.
Pi Kappa Alpha, Historian, Vice President; Rollamo, Business Manager; AFS; AIME; Alpha Phi Omega; ASM; Interfraternity Council; Blue Key; Theta Tau; Miner Board; Foundry Educational Foundation Scholarship; Tau Beta Pi; Silver Key Award; Rollamo Gold Key Award; Honor List.

Clare, Thomas J.....Mining-Geology.....Rolla, Mo.
AIME.

Cole, Joseph B.....Mechanical.....Rolla, Mo.
Sigma Nu; Alpha Phi Omega; Treasurer, Freshman Class; Miner Board, Business and Advertising Boards; Canterbury Club; Football; "M" Club; Student Assistant, Mechanical Engineering Department.

Cole, Kenneth D.....Civil.....Granby, Mo.
ASCE.

Casler
Collier

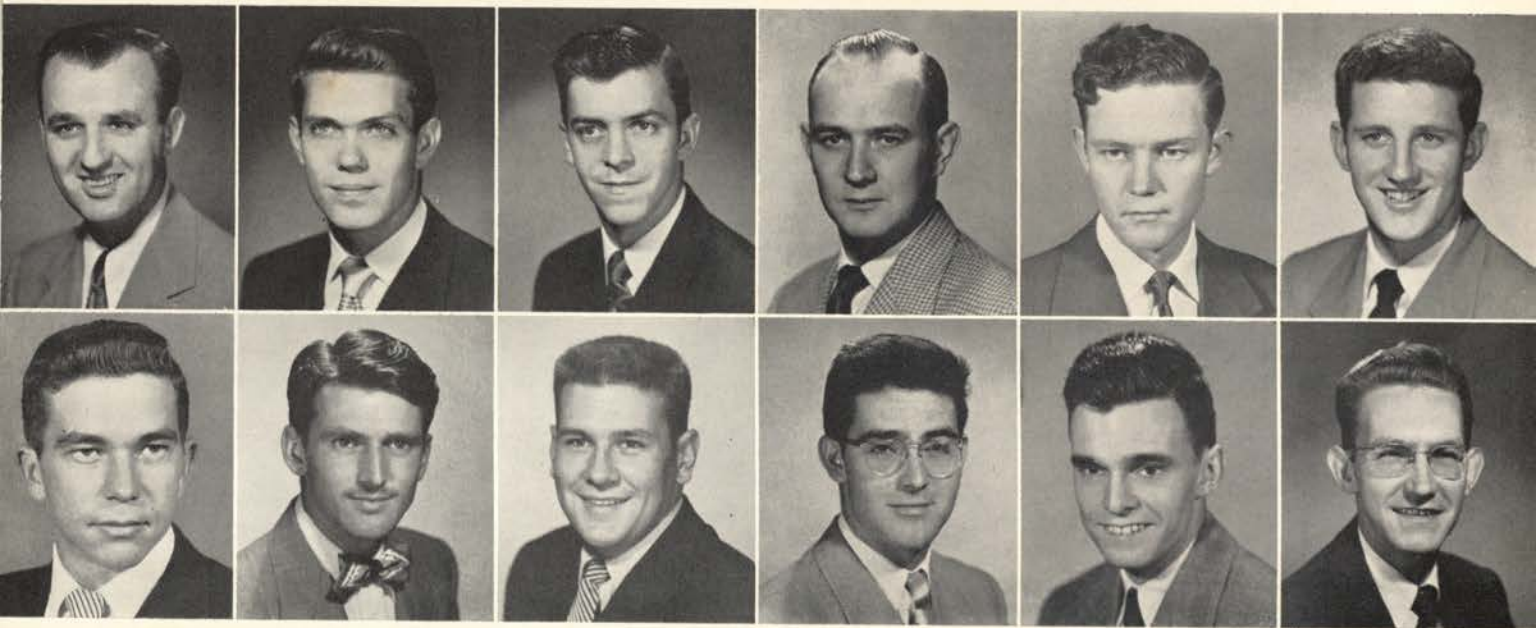
Chisholm
Conci

Clare
Cruse

Cole, J.
Crutcher

Cole, K.
Davis

Cole, S.
Dilworth



Nineteen Fifty-Four

Burgett, Max A.....Civil.....Rolla, Mo.
Basketball; Student Assistant; ASCE.

Burns, Fredrick B.....Electrical.....Springfield, Mo.
Theta Kappa Phi, Steward; AIEE, President; Miner Staff; Eta Kappa Nu.

Camenzind, Jack H.....Civil.....St. Louis, Mo.
Engineer's Club; Tech Club; ASCE; Theta Tau; American Road Builders Association, Secretary.

Campen, Frederick J.....Mining-Geology.....Rolla, Mo.
Rifle Squad, Range Officer; Engineer's Club; Student Assistant, Geology Department; AIME, President; Sigma Gamma Epsilon, Secretary-Treasurer; Spelunkers; Petroleum Club; Honor List; Tau Beta Pi, Recording Secretary; Phi Kappa Phi; Transferred from Culver-Stockton College.

Carpenter, Richard.....Metallurgy.....Schenectady, N. Y.
Engineer's Club; Wesley Foundation; AFS; Tech Club; ASM.

Casler, Walter J.....Civil.....Rolla, Mo.
Glee Club, Secretary; ASCE; American Road Builders Association; Sigma Phi Epsilon; Theta Tau.

Chisholm, Dale.....Mechanical.....St. Louis, Mo.
Society of Automotive Engineers; Tech Club.

Cole, Sidney J.....Mechanical.....Chicago, Ill.
Pi Kappa Alpha, Secretary, Vice President; Miner Board; Rollamo Board; Student Assistant, M.E. Department; ASME, Vice President; AFS, Reporter; SAE; Track Squad; "M" Club; Blue Key, Vice President; Tau Beta Pi, Treasurer; Phi Kappa Phi; Gold Key Award; Honor List; Foundry Educational Foundation Scholarship.

Collier, Everett J.....Chemical.....Owensville, Mo.
Tech Club, Secretary; AICHE.

Conci, Frank.....Civil.....Benton, Ill.
Glee Club; Tech Club, President; Canterbury Club; Dake Geological Society; Student Council; ASCE.

Cruse, Richard.....Metallurgy.....Webb City, Mo.
Sigma Nu, Recorder, Commander; Football; "M" Club; Theta Tau; ASM.

Crutcher, Thomas.....Mining-Geology.....Rolla, Mo.
Kappa Sigma, Secretary; Canterbury Club, Vice President; Rollamo Board; AIME; Blue Key; Student Council; "M" Club; Sigma Gamma Epsilon.

Davis, Russel E.....Mechanical.....W. Seneca, N. Y.
Engineer's Club; Spelunkers; Society Automotive Engineers; ASME.

Dilworth, Arthur F.....Chemical.....Joplin, Mo.
Transferred from Joplin Junior College.



Dowell
Emling
French

Eberle
Farrer
Fuhremeister

Egan
Faulkner
Fuller

Egan
Feldmiller
Geisler

Ellis, E.
Finley
Gephart

Ellis, J.
Fisher
Gerard

Senior Class

Dowell, Jack B.....Mechanical.....Flat River, Mo.
Engineer's Club; Sigma Nu; Wesley Foundation; Glee Club;
ASME; St. Pat's Board; Petroleum Club; Tau Beta Pi; Honor
List; Curators' Scholarship; Phi Kappa Phi Book Plate
Award; Silver Key Award; Students Educational Scholar-
ship.

Eberle, Allen R.....Mechanical.....St. Joseph, Mo.
Gamma Delta, President; ASME.

Egan, Paul John.....Mechanical.....St. Louis, Mo.
Gamma Delta, Secretary, Vice President; ASME; Beta Sigma
Psi, Vice President, President; President Junior Class.

Egan, Paul Joseph.....Chemical.....Jennings, Mo.
Pi Kappa Alpha, Alumni Secretary; Rollamo Board; Miner
Board; AIChE; Alpha Chi Sigma, Historian; Student Assist-
ant, Chemical Department.

Ellis, Eugene W.....Electrical.....Rolla, Mo.
AIEE, Chairman Social Committee.

Ellis, John R.....Mining.....Mt. Vernon, Ill.
Tau Kappa Epsilon, Secretary; AIME.

Emling, Dale H.....Mining.....DuQuoin, Ill.
Esperanto; Lambda Chi Alpha, Treasurer, President; AIME;
St. Pat's Board; Theta Tau.

Farrer, Robert E.....Mining-Geology.....Rolla, Mo.
Canterbury Club.

Faulkner, William H.....Metallurgy.....Rolla, Mo.
Academy of Science, President; Sigma Phi Epsilon; ASM;
Tau Beta Pi, Recording Secretary.

Feldmiller, William H.....Mining.....Gerald, Mo.
Sigma Phi Epsilon; Miner Board, Business Manager; Blue
Key, Treasurer, President; Theta Tau; Petroleum Club, Presi-
dent; Tau Beta Pi.

Finley, John L.....Electrical.....Lamar, Mo.
Sigma Phi Epsilon; AIEE.

Civil Lab.



Nineteen Fifty-Four

Fisher, Donald G.....Mining-Geology.....Rolla, Mo.
Photo Club; Spelunkers; AIME.

French, Gordon B.....Science-Geology.....Rolla, Mo.
MSM Radio Club; Lambda Chi Alpha; Student Assistant,
Geology Department; Music Club; ASM.

Fuhrmeister, Harold E.....Metallurgy.....Rolla, Mo.
ASM; American Foundrymen's Society.

Fuller, Thomas R.....Mining.....Palmerton, Pa.
Sigma Nu, Treasurer; AIME, Secretary; Student Council, Al-
ternate Member; Rollamo Board; Theta Tau, Treasurer; Photo
Club; AIME; Blue Key; Miner Board; Tau Beta Pi.

Geisler, William F.....Civil.....Rolla, Mo.
Varsity Rifle Club; Student Assistant, C.E.; Chi Epsilon,
Vice President; SAME; ASCE.

Gephart, Charles D.....Ceramics.....Malvern, Ark.
Tech Club; American Ceramic Society; MSPE.

Gerard, James A.....Civil.....Park Ridge, Ill.
ASCE, Vice President, President; Rollamo Board, Classes Edi-
tor; Dorm Council; Pi Kappa Alpha; APO, Historian, Secre-
tary; Football; Blue Key; Theta Tau, Scribe; Chi Epsilon; St.
Pat's Board; "M" Club; American Road Builders Association;
Student Assistant.

Grandcolas, Paul L.....Mining-Petroleum.....Belleville, Ill.
AIME.

Groteke, Daniel E.....Metallurgy.....St. Louis, Mo.
Glee Club; Tau Kappa Epsilon, Pledgemaster, Historian;
Rollamo Board; Miner Board, Sports Editor, Editor-in-Chief;
Theta Tau, Corresponding Secretary; Pershing Rifles; Ameri-
can Foundry's Society, Vice President; American Society for
Metals, Secretary; Missouri College Newspaper Association,
Treasurer.

Gudermuth, Charles A.....Mining.....Webster Groves, Mo.
Independents; Engineer's Club; Petroleum Club; Sigma
Gamma Epsilon; Honor List; Tau Beta Pi; Phi Kappa Phi;
Gold Key Award.

Guichard, Charles.....Mining.....Nancy, France
Foreign Student's Scholarship.

Haertling, Gene H.....Ceramics.....St. Louis, Mo.
Gamma Delta, Treasurer; Beta Sigma Psi, Vice President;
Keramos; ROTC Band; ACS, Treasurer, President; Honor List;
Tau Beta Pi; Gold Key Award; Phi Kappa Phi Book Plate
Award.

Hammons, Reve H.....Min.-Geol.-Pet. Op.....Jefferson City, Mo.
Photo Club; Independents; Dorm Council; Petroleum Club;
AIME; Honor List.

Goeddel
Guichard

Gotsch
Haertling

Gray
Hammons

Grandcolas
Hampel

Groteke
Hanss

Gudermuth
Harbert



Goeddel, James Peter.....Civil.....St. Louis, Mo.
Theta Kappa Phi, Alumni Secretary, Secretary, President;
Miner Board, Exchange Editor; Rollamo Board, Editor in
Chief; ASCE; Blue Key; Theta Tau; Chi Epsilon; Treasurer,
Junior Class; Tau Beta Pi; Silver Key Award; Rollamo Gold
Key Award; Miner Board Key; Phi Kappa Phi Book Plate
Award; Honor List; Board of Student Publications.

Gotsch, Richard W.....Ceramics.....Jennings, Mo.
ASC, Treasurer; Sigma Pi, Secretary, Vice President; I.F.C.

Gray, Joseph E.....Mining-Geology.....St. Louis, Mo.
Sigma Nu, Recorder; St. Pat's Board, Treasurer; Theta Tau;
Tennis; "M" Club; Intramural Athlete of the Year.

Hampel, Richard J.....Ceramics.....St. Louis, Mo.
Miner Board; Rollamo Board; Football; "M" Club; ACS, Vice
President, President; Sigma Phi Epsilon, Vice President,
President; Theta Tau, Regent; "St. Pat".

Hanss, Robert E.....Mining-Geology.....St. Louis, Mo.
Theta Kappa Phi, Assistant Steward, Treasurer, Vice Presi-
dent; Miner Board; Rollamo Board, Classes Editor; AIME;
Duke Society; Spelunkers, President; Radio Club; Honor List;
Gold Key Award; Phi Kappa Phi Book Plate Award; Stu-
dent Assistant, Mining Department; Kennecott Copper Schol-
arship.

Harbert, Donald B.....Metallurgy.....Rolla, Mo.
Independents.



Helm
Hopler
Humphries

Hendrix
Hubeli
Irvin

Highfill
Huffman
Johnson, C.

Hoffstetter
Hughes, J.
Johnson, R.

Holder
Hughes, J. A.
Jolly

Hollocher
Humphrey
Jones

Senior Class

Helm, Gunther A.....Civil.....Washington, D. C.
Miner Board; Rollamo Board, Photographer; Independents;
Photo Club, President; ROTC Band; Spelunkers; Theta Tau,
Regent; Blue Key; Student Council; St. Pat's Board; SAME,
Secretary, Treasurer; Engineer's Club.

Hendrix, James S.....Mining-Geology.....Rolla, Mo.
Engineer's Club; Petroleum Club; Honor List.

Highfill, James K.....Civil.....Doniphan, Mo.
Independents; ROTC Band; Engineer's Club; Pershing Rifles;
Wesley; Chi Epsilon, Treasurer; ASCE; Blue Key; SAME;
Tau Beta Pi, President; Phi Kappa Phi; Honor List; Gold Key
Award.

Hoffstetter, Gerald.....Chemical.....Fieldon, Ill.
Gamma Delta; Beta Sigma Psi; AICHE.

Holder, Jerry B.....Mining-Geology.....Rolla, Mo.
Tau Kappa Epsilon, Vice President; AIME; Petroleum Club.

Hollocher, Ralph L.....Metallurgy.....St. Louis, Mo.
Rollamo Board, Associate Editor, Editor-in-Chief; Pi Kappa
Alpha, Secretary, Treasurer, President, Pledgemaster; AIME;
Blue Key, Corresponding Secretary; AFS, President; ASM;
Student Council; Theta Tau; Honor List; Tau Beta Pi; Gold
Key Award; Student Assistant, Metallurgy Department; Rol-
lamo Board Gold Key; Foundry Educational Foundation
Scholarship.

Hopler, Robert B.....Mining-Geology.....Madison, N. J.
Glee Club; Sigma Pi; Rollamo Board; Photo Club; AIME; St.
Pat's Board; Blue Key; Theta Tau; Honor List; Student As-
sistant, Library.

Hubeli, James A.....Metallurgy.....St. Louis, Mo.
Triangle, Vice President, Secretary, President; ASM; AFS,
Secretary-Treasurer; Rollamo Board, Organizations Editor;
Interfraternity Council; Rollamo Gold Key Award.

Huffman, Shay D.....Mechanical.....Rolla, Mo.
ASME; Kappa Sigma; Theta Tau.

Hughes, Joseph B.....Science-Physics.....Rolla, Mo.
Wesley; AIMME; SAME.

Hughes, Judson A.....Mechanical.....Hannibal, Mo.
ASME; APO; Independents; SAE, Treasurer; Engineer's Club.

Humphrey, Jack H.....Metallurgy.....Berwyn, Ill.
F.E.F. Scholarship; Tau Kappa Epsilon; ASM, Secretary;
AFS, Secretary-Treasurer; Blue Key; Track; Football; Theta
Tau; "M" Club.

Humphries, Richard M.....Civil.....Rolla, Mo.
Sigma Phi Epsilon; ASCE.

Nineteen Fifty-Four



Kassab
Kingsbury
Krueger
Larson

Kemp
Koelling
Landholt
Leisure

Kickham
Krispin
Langston
Leong

Irvin, Walter L.....Metallurgy.....Poplar Bluff, Mo.
Rifle Club; Glee Club; AFS; ASM; Dorm Council.

Johnson, Clarence S.....Science-Physics.....Sullivan, Mo.
Tech Club; Rifle Squad; Sigma Pi Sigma, Secretary; Honor
List; Tau Beta Pi, President; Phi Kappa Phi.

Johnson, Richard E.....Civil.....Kirkville, Mo.
ASCE; Blue Key.

Jolly, John G.....Civil.....Rolla, Mo.
Theta Tau, Vice Regent; ASCE; Chi Epsilon; Honor List.

Jones, James C.....Civil.....Millersville, Mo.
Engineer's Club; ASCE; Chi Epsilon; Honor List; Phi Kappa
Phi; Tau Beta Pi; Transferred from Southeast Missouri State
College.

Kassab, Gabriel M.....Mechanical.....Joplin, Mo.
Canterbury Club; ASME; Dorm Council.

Kemp, Arthur H.....Civil.....Columbia, Mo.
Engineer's Club; Sigma Nu; Rollamo Board; ASCE.

Kickham, Lawrence T.....Chemical.....East St. Louis, Ill.
Sigma Pi, Fourth Councilor; AICHE; Alpha Chi Sigma.

Kingsbury, Ronald M.....Mining.....Rolla, Mo.
Sigma Nu; Tau Beta Pi.

Koelling, Harold.....Metallurgy.....St. Louis, Mo.
Miner Board; Rollamo Board; Pi Kappa Alpha; American
Foundrymen's Society; AIME; Basketball; "M" Club; Blue
Key.

Krispin, Joseph F.....Civil.....St. Louis, Mo.
Pi Kappa Alpha, Pledgemaster; ASCE, Treasurer; APO, Vice
President; American Road Builders Association, Treasurer;
Football; "M" Club; Theta Tau.

Krueger, Roger A.....Civil.....Petersburg, Ill.
Theta Xi, Corresponding Secretary, Steward; ASCE; St. Pat's
Board.

Landolt, Joseph A.....Electrical.....St. Louis, Mo.
Radio Club; AIEE; Engineer's Club.

Langston, Russell L.....Electrical.....Kennett, Mo.
Glee Club; Engineer's Club; Independents; AIEE.

Larson, Richard.....Mechanical.....Peoria, Ill.
Society Automotive Engineers, Treasurer; ASME; Engineer's
Club; American Foundrymen's Society.

Leisure, Richard.....Mining-Geology.....Calumet City, Ill.
Spelunker's Club; International Fellowship, Secretary, Presi-
dent; Esperanto Club, President; Independents; Dorm Coun-
cil Alternate; Radio Club; Tech Club; Photo Club; Kenne-
cott Copper Scholarship; AIME; Distinguished Military Stu-
dent; Honor List; Phi Kappa Phi Book Plate Award.

Leong, Judson.....Mining.....Rangoon, Burma
International Fellowship; AIMME; Engineer's Club.



Coulomb chaser.

Senior Class

Lincoln, Herbert E.....Civil.....Waterloo, N. Y.
Miner Board News Staff; Honor List; Canterbury Club;
AIME; Sigma Nu; Blue Key; ASCE; Freshman Class, Presi-
dent; Library Assistant; American Road Builders Associa-
tion; Photo Club.

Lo, Wing Cheuk.....Ceramics.....Hong Kong, China
ACS; Keramos, Treasurer, Secretary; Student Assistant,
Ceramics Department; International Fellowship; Honor List;
Rotary Foreign Scholarship; Phi Kappa Phi.

Lum, Roger.....Mining.....Blytheville, Ark.
International Fellowship; Dorm Council; AIME; Designated
Distinguished Military Student.

McBrayer, Ernest T.....Metallurgy.....Houston, Tex.
Dorm Council; Independents; Kappa Sigma, President, Vice
President; AIME; AFS.

McGregor, William B.....Chemical.....Dover, Tenn.
Glee Club, Librarian, Secretary; BSU, Secretary, Vice Presi-
dent; Student Assistant, Library; ROTC Band; AICHE.

McMullin, James M.....Science-Physics.....Crystal City, Mo.
Dorm Council; ROTC Band; Independents; AICHE; Engineer's
Club; SAME; Pershing Rifles, Commanding Officer; Sigma
Pi Sigma; Gold Key Award; Honor List; Phi Kappa Phi; Tau
Beta Pi.

McNeill, Richard L.....Mechanical.....Kewanee, Ill.
ASME; Independents; Honor List; Engineer's Club; Student
Assistant, M.E. Department; Automotive Engineers, Secretary;
Theta Tau.



B.M.O.C.'s.

McQuie, George.....Metallurgy.....Montgomery City, Mo.
Triangle, Recording Secretary, House Manager; AFS; ASM,
Food Chairman; AIME.

Maddox, Lawrence R.....Mechanical.....Albany, Mo.
Photo Club; AIME; Rifle Club; Engineer's Club.

Mangnall, Thomas E.....Electrical.....Richmond, Mo.
AIEE.

Lincoln
McNeill
Miller

Lo
McQuie
Miller

Lum
Maddox
Million

McBrayer
Mangnall
Moeller, A.

McGregor
Mathis
Moeller, R.

McMullin
Matteson
Munson



Mathis, Donald L.....Metallurgy.....Mehlville, Mo.
Glee Club; Pi Kappa Alpha; American Foundrymen's Society; Rollamo Board; ASM; Student Assistant, Metallurgy Department.

Matteson, Hollis C.....Mechanical.....Afton, Mo.
Pi Kappa Alpha; Football; "M" Club; ASME; Canterbury Club; Theta Tau; Student Assistant, P.E. Department.

Neal, Conrad L.....Electrical.....Rolla, Mo.
Sigma Phi Epsilon; Spelunkers; Football; "M" Club; Radio Club; St. Pat's Board, President; AIEE, Vice Chairman; Student Assistant, Library and P.E. Department; Honor List.

Niemeyer, Norman W.....Civil.....St. Louis, Mo.
Tau Kappa Epsilon; ASCE; Varsity Football; Miner Board, Sports Editor; Honor Roll.

Nagy
Oefelein

Neal
Padan

Niemeyer
Parish

Nordling
Patterson

Norris
Perkins

O'Brien
Pillisch



Nineteen Fifty-Four

Millar, James.....Chemical.....Rolla, Mo.
Canterbury Club; Student Assistant, P.E. Department; Sigma Nu, Recorder, Commander; "M" Club; Football; AICHe, Master Alchemist; Student Council.

Miller, Charles E.....Mining-Petroleum.....Hardy, Ark.
Engineer's Club, Business Manager; Petroleum Club.

Million, Thomas E.....Electrical.....St. Louis, Mo.
Radio Club, Secretary, Treasurer; Independents; Student Council Alternate; AIEE.

Moeller, Alfred F.....Chemical.....Ste. Genevieve, Mo.
Beta Sigma Psi, Secretary, Corresponding Secretary; Gamma Delta, President, Secretary; AICHe; Alpha Chi Sigma, Vice President; Interfraternity Council, Secretary; Honor List.

Moeller, Ralph G.....Metallurgy.....Chicago, Ill.
Football; Student Assistant, P.E. Department; Tau Kappa Epsilon, Treasurer, Vice President; AIME, Treasurer; "M" Club, Secretary; American Foundrymen's Society, Vice President; Student Council; ASM; Blue Key, Vice President, Secretary-Treasurer.

Munson, William P.....Civil.....East Prairie, Mo.
Wesley Foundation; Engineer's Club; ASCE.

Nagy, Theodore.....Electrical.....Franklin, N. J.
International Fellowship, Treasurer, Secretary; Tech Club; AIEE; Student Assistant, E.E. Department.

Nordling, Wiktor K.....Electrical.....Ellsinore, Mo.
Wesley Foundation; Radio Club, President; AIEE; Honor Roll.

Norris, Sidney B.....Civil.....Rolla, Mo.
ROTC; ASCE.

O'Brien, Robert G.....Civil.....Park Ridge, Ill.
Pi Kappa Alpha; ASCE; "M" Club; Varsity Basketball; Varsity Track; Theta Tau; Honor Roll.

Oefelein, John J.....Mechanical.....Jennings, Mo.
Theta Kappa Phi, Social Chairman, Executive Council; AIEE; Theta Tau; Honor Roll; Miner Board; Rollamo Board.

Padan, John W.....Mining-Geology.....Evanston, Ill.
Tau Kappa Epsilon, President; Varsity Swimming; "M" Club; AIME; St. Pat's Board; Blue Key; Theta Tau; Phi Kappa Phi Plate Award; Honor Roll; Miner Board; Petroleum Club; Wesley Fireside Group.

Parish, George W.....Mechanical.....Rolla, Mo.
Tech Club; APO; AIEE; Photo Club; Glee Club; Wesley.

Patterson, James Robert.....Civil.....Caruthersville, Mo.
APO, President, Corresponding Secretary; ASCE; Transferred from Arkansas State College.

Perkins, Ralph C.....Mining.....Webster Groves, Mo.
Engineer's Club; AIME; APO; Honor Roll.

Pillisch, Herbert P.....Mechanical.....Northwoods, Mo.
Lambda Chi Alpha; SAE, Vice President; ASME.



Poe, C.
Puyear, R.
Rethmeyer

Poe, H.
Rabe
Reynolds

Pracht
Rahman
Rex

Pulido
Ramsey
Riegel

Purnhagen
Reavis
Riemenschneider

Puyear, D.
Reeg
Roberts

Senior Class

Poe, Charles C.....Electrical.....St. Louis, Mo.
Pershing Rifles; Pi Kappa Alpha, Treasurer, President; Student Assistant, E.E. Department; Interfraternity Council, Vice President; AIEE, Secretary; Rollamo Board; Eta Kappa Nu, President, Vice President; Blue Key, Secretary; Phi Kappa Phi; Tau Beta Pi.

Poe, Harry E.....Electrical.....Cape Girardeau, Mo.
AIEE; Volunteer Naval Research Reserve Unit; Engineer's Club; Student Assistant, E.E. Department.

Pracht, Richard M.....Metallurgy.....Williamsville, Mo.
Engineer's Club.

Pulido, Marco T.....Metallurgy.....Tibasosa, Colombia
Tech Club; Mosamo; International Fellowship; ASM.

Purnhagen, Henry K.....Mechanical.....Rolla, Mo.
Glee Club; Theta Xi; St. Pat's Board; Interfraternity Council; SAE; SAME.

Puyear, Donald E.....Chemical.....Hayti, Mo.
Photo Club, Vice President; Wesley Foundation; APO, Sergeant-at-Arms; Pershing Rifles, Executive Officer; AIChE; Alpha Chi Sigma, Historian, Recorder; Dorm Council; Student Assistant, Chemistry Department; Interfaith Council, President.

Puyear, Robert B.....Chemical.....Hayti, Mo.
Photo Club, Vice President; Wesley Foundation; APO, Recording Secretary; ROTC Band; Pershing Rifles; AIChE, Treasurer; Alpha Chi Sigma, Historian; Student Assistant, Chemistry Department; Interfaith Council; Dorm Council.

Rabe, Harold E.....Civil.....Anutt, Mo.
MSPE; Kappa Alpha; ASCE, President; Chi Epsilon; American Road Builders Association.

Rahman, Mohammed K.....Metallurgy.....Orissa, India
International Fellowship; AIME; ASM; Photo Club.



Fudge factor?

Nineteen Fifty-Four

Ramsey, Paul E.....Mining-Geology.....Neelyville, Mo.
Glee Club; Hammer Throwers, Vice President; Esperanto;
Tech Club; Spelunkers; Radio Club; AIME; Petroleum Club;
Photo Club.

Reavis, Richard E.....Civil.....West Plains, Mo.
Tech Cooperative Club; St. Pat's Board; ASCE.

Reeg, Richard L.....Electrical.....St. Louis, Mo.
Sigma Pi, Pledgemaster, Pledge Trainer, Secretary; Foot-
ball; St. Pat's Board; "M" Club; AIEE; Treasurer Senior
Class; Eta Kappa Nu, Vice President; Theta Tau.

Rethmeyer, James W.....Civil.....Sullivan, Mo.
Tech Club; Chi Epsilon; Editor of Transit; ASCE; Honor List;
Tau Beta Pi.

Rex, Donald C.....Metallurgy.....Kirkwood, Mo.
Miner Board, Business and Advertising Staff, Secretary;
Sigma Phi Epsilon; American Foundrymen's Society; Inter-
fraternity Council; Miner Board Award.

Reynolds, Arnold G.....Electrical.....East Prairie, Mo.
Eta Kappa Nu; Engineer's Club; Student Assistant, E.E. De-
partment; AIEE; Football; Honor List; Phi Kappa Phi Book
Plate Award; Tau Beta Pi.

Sancianco, Generoso V.....Mining.....Manila, Philippines
International Fellowship; Vice President; Theta Xi; Miner
Board, Feature Editor; Sigma Gamma Epsilon, Correspond-
ing Secretary; Honor List; Phi Kappa Phi Book Plate Award;
Tau Beta Pi; Rolla Rotary Club Foreign Student Award.

Schejbal, John W.....Electrical.....St. Louis, Mo.
ASME; Pi Kappa Alpha; ROTC Band; AIEE; Rollamo Board.

Scherner, Alfred E.....Metallurgy.....Chicago, Ill.
Kappa Alpha, Treasurer; ASM; Honor List.

Schneider, Donald O.....Science-Chemical.....St. Louis, Mo.
Gamma Delta; Transferred from Harris Teachers College.

Scott, Julius N.....Civil.....Newburg, Mo.
Curators Scholarship; ASCE; Chi Epsilon; SAME; Honor List;
Phi Kappa Phi Book Plate Award.

Selvaggi, Anthony J.....Metallurgy.....Newark, N. J.
Kappa Sigma; Glee Club; AFS; ASM; Rollamo Board; Foun-
dry Educational Foundation Scholarship; Phi Kappa Phi
Book Plate Award; Rollamo Gold Key Award; Honor List.

Shields, Lyle H.....Mining-Petroleum.....Louisville, Ill.
Petroleum Club, Secretary, Treasurer; Sigma Gamma Ep-
silon; AIME; Honor List; Phi Kappa Phi Book Plate Award;
Tau Beta Pi, Vice President; Gold Key Award.

Shipman, Glenn A.....Electrical.....Rolla, Mo.
AIEE; Honor List.

Runvik
Selvaggi

Sancianco
Shields

Schejbal
Shipman

Scherner
Sickafus

Schneider
Sipe

Scott
Slates



Riegel, Robert W.....Chemical.....Hannibal, Mo.
AIChE, Secretary; Student Assistant for Buildings and
Grounds Department.

Riemenschnitter, Donald L.....Civil.....Grandview, Mo.
Photo Club; Tau Kappa Epsilon, Secretary; ASCE; Football;
Miner Board.

Roberts, John D.....Mechanical.....Paragould, Ark.
Lambda Chi Alpha; ASCE.

Runvik, Richard C.....Mining.....Rolla, Mo.
AIME, Secretary; Theta Xi, Vice President; Honor List.

Sickafus, Edward N.....Science Physics.....Overland, Mo.
Tech Club; Radio Club; Spelunkers; BSU, Recording Secre-
tary.

Sipe, William E.....Mechanical.....Poplar Bluff, Mo.
Engineer's Club; Independents; ASME, Secretary; Society
Automotive Engineers; Engineer's Club, President; Student
Council; Blue Key; Honor List.

Slates, Richard O.....Mechanical.....Rolla, Mo.
Tech Club; Radio Club; Glee Club; MSM Players, Business
Manager; Alpha Psi Omega, Business Manager; Honor List;
Curators Scholarship.



Smart
Sprick
Tiernon

Smid
Stevens
Tooloose

Smith, E.
Striegel
Toutz

Smith, F.
Summit
Trust

Sonewald
Swearingen
Trytko

Southall
Tellefsen
Tucker

Senior Class

Smart, Samuel.....Mining-Geology.....Sparta, Ill.
American Foundrymen's Association; Tech Club; Wesley
Foundation; Basketball; Independents, Treasurer; Student
Council; St. Pat's Board.

Smid, Milton J.....Mechanical.....Affton, Mo.
Pi Kappa Alpha, Corresponding Secretary, Pledgmaster;
Alpha Phi Omega, Vice President; ASME, Vice Chairman;
Glee Club, Award; AFS; HAE, Secretary; Rollamo Board;
Miner Board; Blue Key; Theta Tau; Honor List; Foundry Edu-
cational Foundation Scholarship; Student Assistant, M.E. De-
partment.

Smith, Ellis J.....Ceramics.....Des Moines, Iowa
ACS, Secretary; AIME; Keramos, Herald; Pershing Rifles;
Sigma Gamma Epsilon.

Smith, Frederick C. J.....Mechanical.....Camden, N. J.
Football; Tau Kappa Epsilon; Student Assistant, P.E. Depart-
ment; Sophomore Class, Secretary; "M" Club; Track Squad;
Student Assistant, Athletic Department; St. Pat's Board, Sec-
retary; Theta Tau.

Sonewald, George.....Mining.....Rolla, Mo.
MSM Players; Alpha Psi Omega; Photo Club; Student Coun-
cil; Independents; Student Assistant, Mining Department;
AIME.

Southall, Morris G.....Civil.....Bessemer, Ala.
Chi Epsilon, President; ASCE, Secretary.

Sprick, Robert W.....Civil.....Rolla, Mo.
ASCE; Transferred from St. Louis University.

Stevens, Richard H.....Metallurgy.....Niagara Falls, N. Y.
Independents; Glee Club; Tech Cooperative Club; BSU; Stu-
dent Council; Board of Trustees for Student Publications;
Secretary, Sophomore Class; Theta Tau; Blue Key; ASM,
Vice President.

Striegel, Henry F.....Electrical.....Joplin, Mo.
Chairman, Publicity Committee; ASCE, Treasurer; Eta Kappa
Nu; Dorm Council, Secretary; Transferred from Joplin Junior
College.

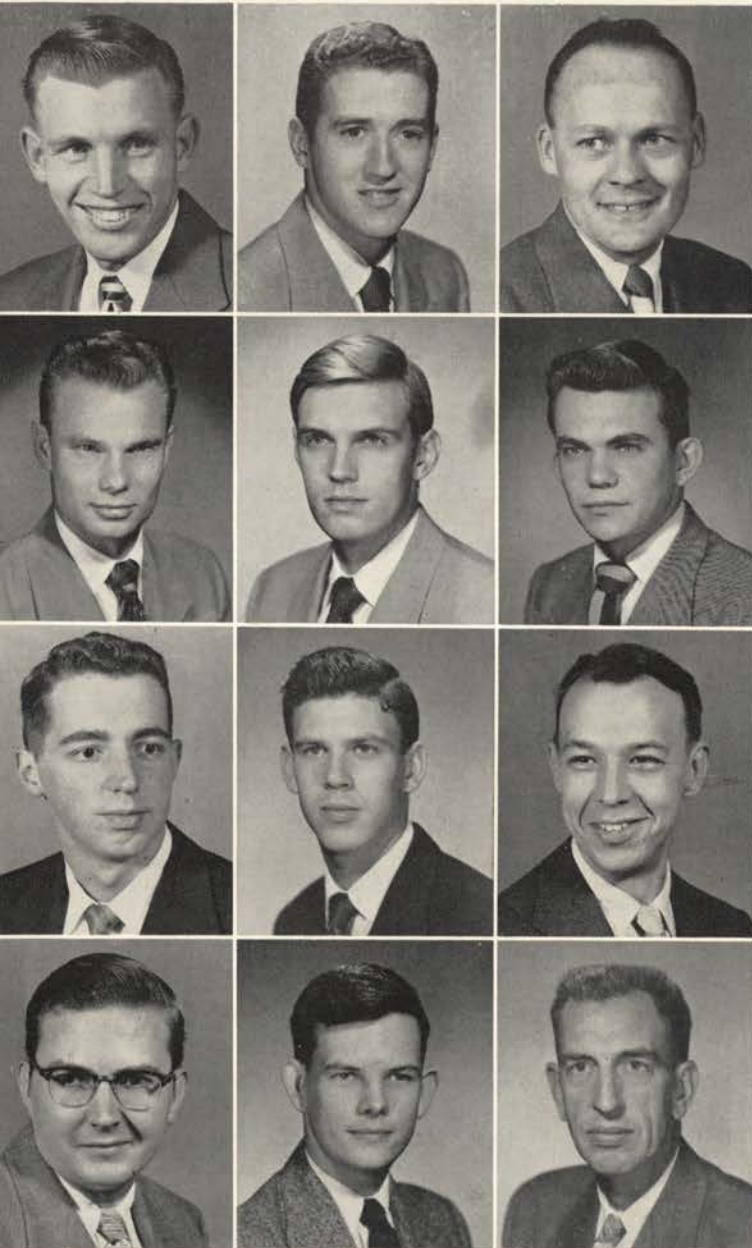
Summit, Gordon T.....Mechanical.....Malden, Mo.
SAME, Secretary; ASME; Wesley Foundation; Transferred
from Arkansas State College.

Swearingen, Jerry D.....Electrical.....Mt. Vernon, Mo.
Tech Club, President; ROTC Band; Independents, Secretary;
Student Council; AIEE, Secretary; Eta Kappa Nu, Correspond-
ing Secretary; St. Pat's Board, Junior Representative.

Tellefsen, Robert D.....Metallurgy.....Staten Island, N. Y.
Glee Club; Pi Kappa Alpha, House Manager; Rollamo Board;
American Foundrymen's Society; ASM.

Tiernon, Carlos H.....Metallurgy.....St. Louis, Mo.
Varsity Award, Track; Sigma Nu; AIME; "M" Club; Stu-
dent Assistant, P.E. Department; American Foundrymen's
Society; ASM.

Nineteen Fifty-Four



Turnipseed
Vaughn, E.
Vondrasek
Warren

Van Duyne
Voight
Walsh
Watkins

Vaughn, C.
Volker
Walther
Webdell

- Tooloose, Donald L.....Chemical.....Rolla, Mo.
AICHe; Transferred from Harris Teachers College.
- Toutz, James O.....Mechanical.....Webb City, Mo.
Sigma Nu; Transferred from Joplin Junior College.
- Trust, Joseph.....Metallurgy.....South River, N. J.
Tau Kappa Epsilon.
- Trytko, Eugene F.....Electrical.....South Bend, Ind.
Sigma Phi Epsilon; AIEE, Chairman Program Committee.
- Tucker, Ted J.....Metallurgy.....Doniphan, Mo.
Independents; ASM; Dorm Council; Tech Club.
- Turnipseed, M. J.....Mining.....Poteau, Okla.
Engineer's Club; Sigma Phi Epsilon; Miner Board, Circulation Manager; Transferred from University of Oklahoma.
- Van Duyne, Robert J.....Chemical.....Kansas City, Mo.
Canterbury Club, President; AICHe, President; Glee Club, Librarian; Alpha Chi Sigma, Treasurer; Student Assistant, Chemistry Department.
- Vaughn, Charles F.....Mechanical.....St. Joseph, Mo.
Transferred from St. Joseph Junior College.
- Vaughn, Eugene W.....Mechanical.....Rolla, Mo.
ASME.
- Voigt, John E.....Chemical.....Rolla, Mo.
AICHe; Student Assistant, Chemistry Department; Honor List; Transferred from Harris Teachers College.
- Volker, Vernon D.....Mining-Petroleum.....Springfield, Mo.
Petroleum Club, Vice President; Tau Kappa Epsilon, Pledge-master; AIME; Student Council; Blue Key; Sigma Gamma Epsilon; Student Assistant, Mining Department; Miner Board; Tau Beta Pi; Honor List; Transferred from Southwest Missouri State College.
- Vondrasek, Albert F.....Science-Geology.....Berwyn, Ill.
Sigma Gamma Epsilon, Vice President; Tau Beta Pi; Tech Club; Honor List; Phi Kappa Phi Book Plate Award.
- Walsh, Robert P.....Civil.....Kirkwood, Mo.
Glee Club; ROTC Band; Secretary, Junior Class; American Road Builders Association, President; ASCE; Pi Kappa Alpha.
- Walther, George C.....Science-Physics.....Rolla, Mo.
Student Assistant, Geology Department; N.Y.A. Assistant; Phi Kappa Phi Book Plate Award.
- Warren, William L.....Mechanical.....Joplin, Mo.
Transferred from Joplin Junior College.
- Watkins, Joseph S.....Electrical.....Flat River, Mo.
Engineer's Club; Student Assistant, Library; AIEE; Eta Kappa Nu, Bridge Correspondent; Honor List; Transferred from Flat River Junior College.
- Webdell, Clayton T.....Mechanical.....Rolla, Mo.
Honor List; Transferred from Hannibal La Grange College.



A senior at last.

Senior Class

of Nineteen Fifty-Four



I'll bet she has the birthmark.

Weber, John H.....Mining-Geology.....St. Louis, Mo.
Beta Sigma Psi, Athletic Manager; Gamma Delta; Spelunk-
ers; Rifle Team; AIME.

Weidmann, Hubert G.....Mining.....Baxter Springs, Kans.
AIME; Engineer's Club; Transferred from Wentworth Mil-
itary Academy.

West, Roger E.....Electrical.....St. Louis, Mo.
Sigma Phi Epsilon; AIEE.

Wick, Clyde E.....Metallurgy.....Chicago, Ill.
Theta Xi, Steward; ASM; Glee Club; American Foundry-
men's Society; AIME; Transferred from Wright Junior
College.

Wilcox, William R.....Mining.....Alliance, Ohio
AIME; Honor List; Student Assistant, Geology Department;
Transferred from Kent State University.

Wilkes, James R.....Ceramics.....Crenshaw, Miss.
ACS; Triangle; Keramos, President; Library Assistant; Honor
List.

Williamson, Rayburn L.....Mining-Geology.....Springfield, Ill.
Sigma Pi, Alumni Secretary, Vice President; ROTC Band;
Rifle Club; Varsity Rifle Squad; Blue Key; Theta Tau; Pe-
troleum Club; Honor List; Distinguished Military Student.

Willis, Elbert A.....Ceramics.....Mexico, Mo.
ACS; Honor List.

Woodall, William R.....Civil.....Maplewood, Mo.
BSU; Lambda Chi Alpha; Honor List; American Road Build-
ers Association; ASCE.

Young, Edward H.....Civil.....Creve Cœur, Mo.
Theta Xi, Junior Elder, House Manager, President; ASCE;
Honor List.

Zacher, Gerald L.....Metallurgy.....Clayton, Mo.
Engineer's Club; Independents; Rifle Club; Swimming
Squad; "M" Club; Rollamo Board; American Foundrymen's
Society.; Student Assistant, P.E. Department; Sigma Nu.

Zamudio, Samuel.....Chemical.....Cuernavaca, Mexico
Independents; AIChE; Alpha Chi Sigma, Recorder; Student
Assistant, Chemistry Department; Rolla Rotary Club Foreign
Student Award.



Weber
Williamson

Weidman
Willis

West
Woodall

Wick
Young

Wilcox
Zacher

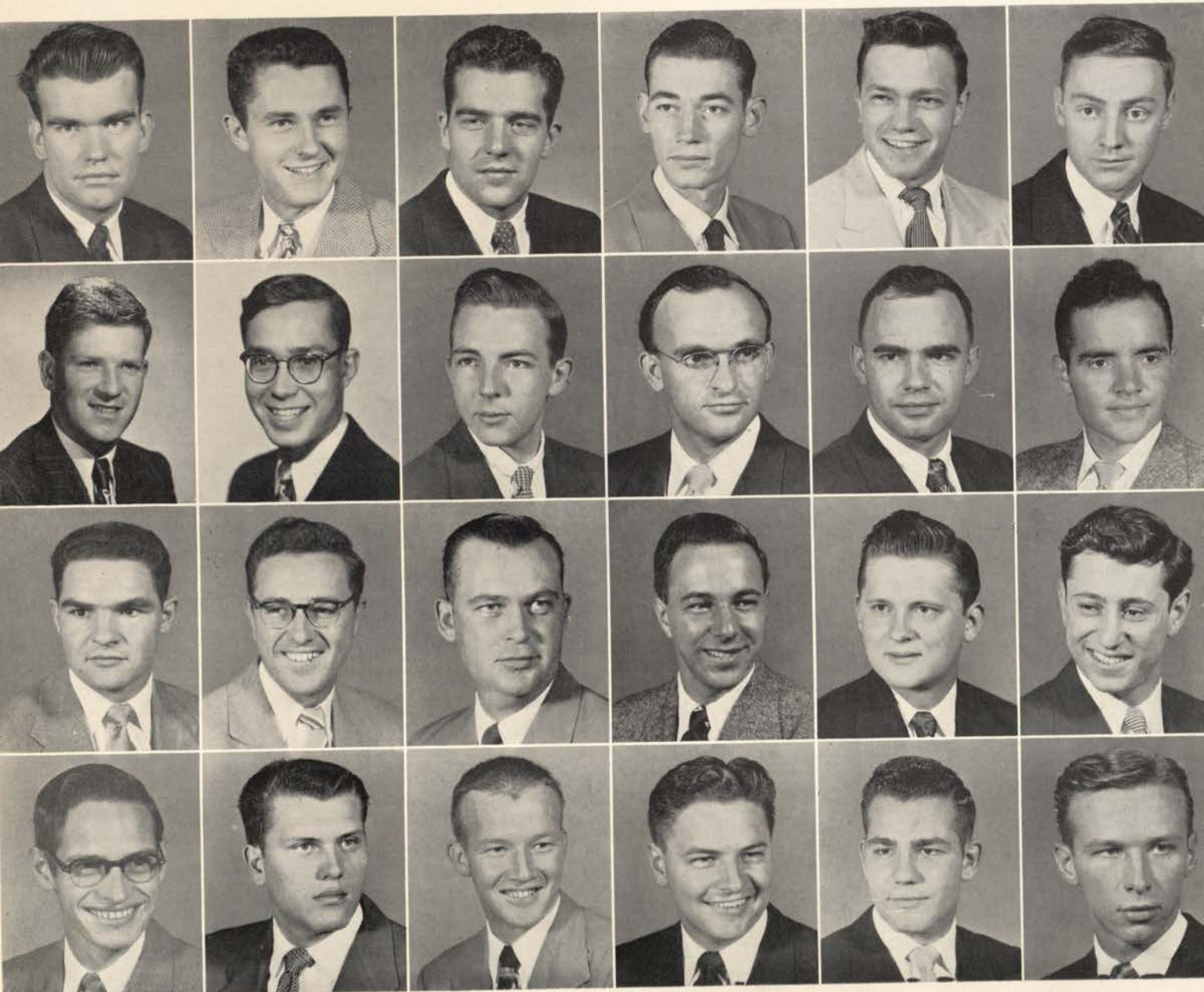
Wilkes
Zamudio

Seniors of Nineteen Fifty-Four

Without Pictures

- Alburtis, Clarence L.....Electrical.....Rolla, Mo.
AIEE; Honor List; Transferred from Central Missouri State College.
- Allmeyer, Milton A.....Civil.....Berkeley, Mo.
ASCE; Chi Epsilon, Publicity Chairman; American Road Builders Association; Honor List; Phi Kappa Phi Book Plate Award.
- Baldwin, Raymond E.....Mining.....Fredericktown, Mo.
Engineer's Club; Transferred from Southeast Missouri State College.
- Barkley, Charles S.....Chemical.....Rolla, Mo.
AIChE, Vice President; Student Assistant, Chemistry Department; Tau Beta Pi; Transferred from St. Joseph Junior College.
- Barton, Lorenzo W.....Science-Physics.....Oregon, Mo.
ACS; Engineer's Club; Phi Kappa Phi Book Plate Award; Gold Key; Honor List.
- Bennett, Carroll Parker.....Civil.....Poplar Bluff, Mo.
Football; "M" Club; Student Assistant, P.E. Department; Engineer's Club, Board of Control; Blue Key; Student Council; St. Pat's Board; Honor List; Phi Kappa Phi Book Plate Award.
- Bogue, Donald R.....Metallurgy.....Normandy, Mo.
Sigma Phi Epsilon, Chaplain, President; American Foundrymen's Society; Miner Board, Business Manager; Honor List; Foundrymen's Educational Foundation Scholarship; Blue Key; Theta Tau.
- Boleski, Donald R.....Mechanical.....St. Joseph, Mo.
Hammer Throwers, President; Student Council; Tech Club; Tennis Squad; "M" Club; Student Assistant, Drawing Department; ASME, President; Independents; Transferred from St. Joseph Junior College.
- Borgard, Glenn E.....Mechanical.....Overland, Mo.
Glee Club; Sigma Pi, Treasurer; Miner Board; ASME; Student Council, Treasurer; Glee Club Award; Curators Scholarship; Honor List; Tau Beta Pi.
- Bushko, Joseph G.....Civil.....St. Louis, Mo.
Student Assistant C.E. Department; Sigma Pi; Sophomore Class, Secretary.
- Custead, Jerry Russell.....Mechanical.....Independence, Mo.
Rifle Squad; Engineer's Club; Independents; ASME; St. Pat's Board; SAME, President.
- Davis, Carl B.....Electrical.....Salem, Mo.
Pi Kappa Alpha, Vice President; Football Squad; N.Y.A. Assistant, Library; ASME, President; Rollamo, Editor-in-Chief; Student Council Representative; AIEE; Student Assistant, E.E. Department; Rifle Squad; Honor List; Rollamo Literary Editor.
- Deaver, Billy G.....Science-Geology.....Richmond, Va.
Transferred from Marshall College; Honor List.
- Dixon, William P.....Science Physics.....Bennett, Mo.
Tech Club, Business Manager; Student Assistant, Physics Department; Sigma Pi Sigma, President.
- Doerr, Earnie.....Civil.....Rolla, Mo.
Track Squad; "M" Club.
- Dummitt, Edward K.....Mining-Geology.....St. Louis, Mo.
Tech Club; Engineer's Club; AIME; Honor List.
- Dye, Lawrence W.....Mining.....Rolla, Mo.
AIME; Honor List.
- Farris, Robert E.....Ceramics.....Webb City, Mo.
Sigma Nu; ACS; Interfraternity Council; Keramos; Student Assistant, Ceramics Department; Honor List.
- Fowler, Thomas R.....Civil.....Rolla, Mo.
Chi Epsilon, Secretary; Student Assistant, C.E. Department; Honor List; Phi Kappa Phi Book Plate Award; Transferred from Central Missouri State College.
- Geidel, Harold W.....Mechanical.....Webster Groves, Mo.
Gamma Delta, Vice President; Interfraternity Council.
- Gibbs, Richard D.....Mechanical.....Independence, Mo.
BSU, Music Director; ASCE; ASME; Transferred from Westminster.
- Hake, Bruno.....Civil.....Wiesbaden, Germany
International Fellowship, Vice President; Engineer's Club; ASCE; Honor List; Foreign Student Scholarship; Transferred from Gutenberg School, Wiesbaden, Germany.
- Hallet, William M.....Metallurgy.....St. Louis, Mo.
Independents; Sigma Nu; AIME.
- Haney, Virgil H.....Chemical.....Kansas City, Kans.
Student Assistant, Chemistry Department; AIChE; Honor List; Transferred from University of Texas.
- Heil, John B.....Electrical.....St. Louis, Mo.
Football; ROTC Staff Sergeant; Detonators, Executive Officer; Tau Kappa Epsilon.
- Hoffman, Robert N.....Mining-Geology.....Litchfield, Ill.
ROTC Band; Wesley Fireside Group; Tau Kappa Epsilon, Chaplain, Vice President, Treasurer; Student Assistant, Registrar's Office, Geology Department; Blue Key; Student Council, President; Sigma Gamma Epsilon; Honor List; Lucy W. James Scholarship; Phi Kappa Phi Book Plate Award; Tau Beta Pi; Gold Key Award; Kennecott Scholarship.
- Hull, Lee C.....Mechanical.....Platte City, Mo.
Lambda Chi Alpha; Football; Society Automotive Engineers; Student Council.
- Jenner, Kenneth C.....Electrical.....St. Ann, Mo.
Glee Club; Sigma Pi; Student Council Alternate, Member; AIEE; Eta Kappa Nu; Student Assistant, E.E. Department; Blue Key, Alumni Secretary; Westinghouse Achievement Scholarship; Honor List; Glee Club Award; Phi Kappa Phi Book Plate Award; Tau Beta Pi; Gold Key Award.
- Jones, John L.....Mechanical.....Robertson, Mo.
- Juskie, Bernard R.....Civil.....Chicago, Ill.
Chi Epsilon, Vice President; ASCE; Rollamo Board; Blue Key; ARBA, Vice President; Tau Beta Pi; Phi Kappa Phi; Honor List; Phi Kappa Phi Book Plate Award.
- Kolb, Richard C.....Mechanical.....DeQueen, Ark.
ASME; Engineer's Club; Independents; Transferred from Southern State College.
- McCullough, Hubert W.....Electrical.....Rolla, Mo.
AIEE; Transferred from Southeast Missouri State College.
- Mitchell, George A.....Mining-Geology.....Rolla, Mo.
- Moritz, John A.....Mining.....Gates Mills, Ohio
Engineer's Club; Spelunkers, President; AIME, Treasurer; Sigma Gamma Epsilon; Honor List.
- Morris, Buddie R.....Mining.....West Frankfort, Ill.
Football; Sigma Pi; "M" Club; Student Assistant, P.E. Department; Theta Tau, Marshall; Student Assistant, Library; Illinois Mining Institute Scholarship.
- Myers, Robert L.....Ceramics.....St. Louis, Mo.
Kappa Sigma; ACS; Track Team; Honor List.
- Nelson, Allan R.....Mining.....Proctorville, Ohio
Theta Xi; Canterbury Club; Honor List.
- Paulick, Edward E.....Civil.....Arnold, Mo.
Honor List; Phi Kappa Phi Book Plate Award.
- Phillips, William R.....Mechanical.....Springfield, Ill.
Gamma Delta; ASME; Honor List.
- Roerman, William R.....Civil.....St. Louis, Mo.
Sigma Phi Epsilon; Student Assistant, Athletic Department; Football; "M" Club; Track Team; ASCE.
- Schloemer, Thomas D.....Civil.....Rolla, Mo.
Engineer's Club.
- Schmidt, Milton E.....Civil.....Gillespie, Ill.
Basketball "B" Team; Engineer's Club; ASCE; Sigma Phi Epsilon.
- Smith, George H.....Electrical.....Springfield, Ill.
Engineer's Club; AIEE.
- Stanhope, Richard D.....Electrical.....St. Louis, Mo.
Independents; Radio Club, Vice President; Engineer's Club; Rifle Club; ROTC, Staff Sergeant; AIEE.
- Stewart, William H.....Civil.....Lexington, Mo.
Football; "M" Club, President; Theta Tau; ASCE.
- Webster, Royal S.....Civil.....Havana, Cuba
Sigma Nu; ASCE; International Fellowship.

Junior Class



Allen
Balks
Berg
Boyd

Allison, D.
Barco
Berger
Brentz

Allison, W.
Barnds
Best
Bunney

Anderson
Barylski
Bieling
Burleson

Baebler
Beams
Bogush
Calhoun

Bailey
Becherer
Boraz
Carini

Allen, Thomas J.....Kenmore, N. Y.
Allison, David E.....Jefferson City, Mo.
Allison, Walter H.....St. James, Mo.
Anderson, Truman D.....Osage Beach, Mo.
Baebler, Arthur G.....Webster Groves, Mo.
Bailey, Donald H.....Franklin, N. H.
Banks, William E.....Rolla, Mo.
Barco, Samuel U.....Fayette, Mo.

Barnds, Campbell C.....Kansas City, Mo.
Barylski, Martin W.....St. Louis, Mo.
Beams, Bill G.....Humansville, Mo.
Becherer, Robert S.....Mt. Vernon, Ill.
Berg, Richard O.....St. Louis, Mo.
Berger, Charles A.....Affton, Mo.
Best, John L.....Poplar Bluff, Mo.
Bieling, Carl R.....Westfield, N. J.

Nineteen Fifty-Four



Carpenter
Chillik
Corneli
Davis, R.
Dillon

Carroll
Clark
Crandall
Davis, R. L.
Edmunds

Chastain
Corcoran
Davis, B.
De Larm
Edwards

Boqush, Alfred J.....South River, N. J.
Boraz, Sheldon.....St. Louis, Mo.
Boyd, Charles L.....Diamond, Mo.
Brentz, James N.....Farmington, Ill.
Bunney, Earl.....Tonkawa, Okla.
Burleson, Otto L.....West Plains, Mo.
Calhoun, Richard M.....Maplewood, Mo.
Carini, George F.....Okmulgee, Okla.
Carpenter, Bruce N.....Bloomfield, Nebr.
Carroll, Frank L.....Poplar Bluff, Mo.
Chastain, William R.....Marionville, Mo.
Chillik, Julius A.....Flint, Mich.
Clark, Edward L.....Rolla, Mo.
Corcoran, Thomas A.....New Albany, Ind.
Corneli, Philip P.....Lemay, Mo.
Crandell, Elva L.....Salem, Mo.
Davis, Bobby E.....Salem, Mo.
Davis, Ralph T.....St. Joseph, Mo.
Davis, Ronald L.....St. Louis, Mo.
DeLarm, Leon N.....West Plains, Mo.
Dillon, Joseph B.....Springfield, Mo.
Edmunds, Robert C.....Chicago, Ill.
Edwards, Charles G.....Bloomington, Ill.
Ellis, Leonard L.....Rolla, Mo.
Elswick, James L.....Monett, Mo.
Feese, Robert D.....Baymer, Mo.
Fitzgerald, Steve C.....St. Louis, Mo.
Fitzwater, Arthur V.....St. Louis, Mo.
Folk, John W.....Nevada, Mo.

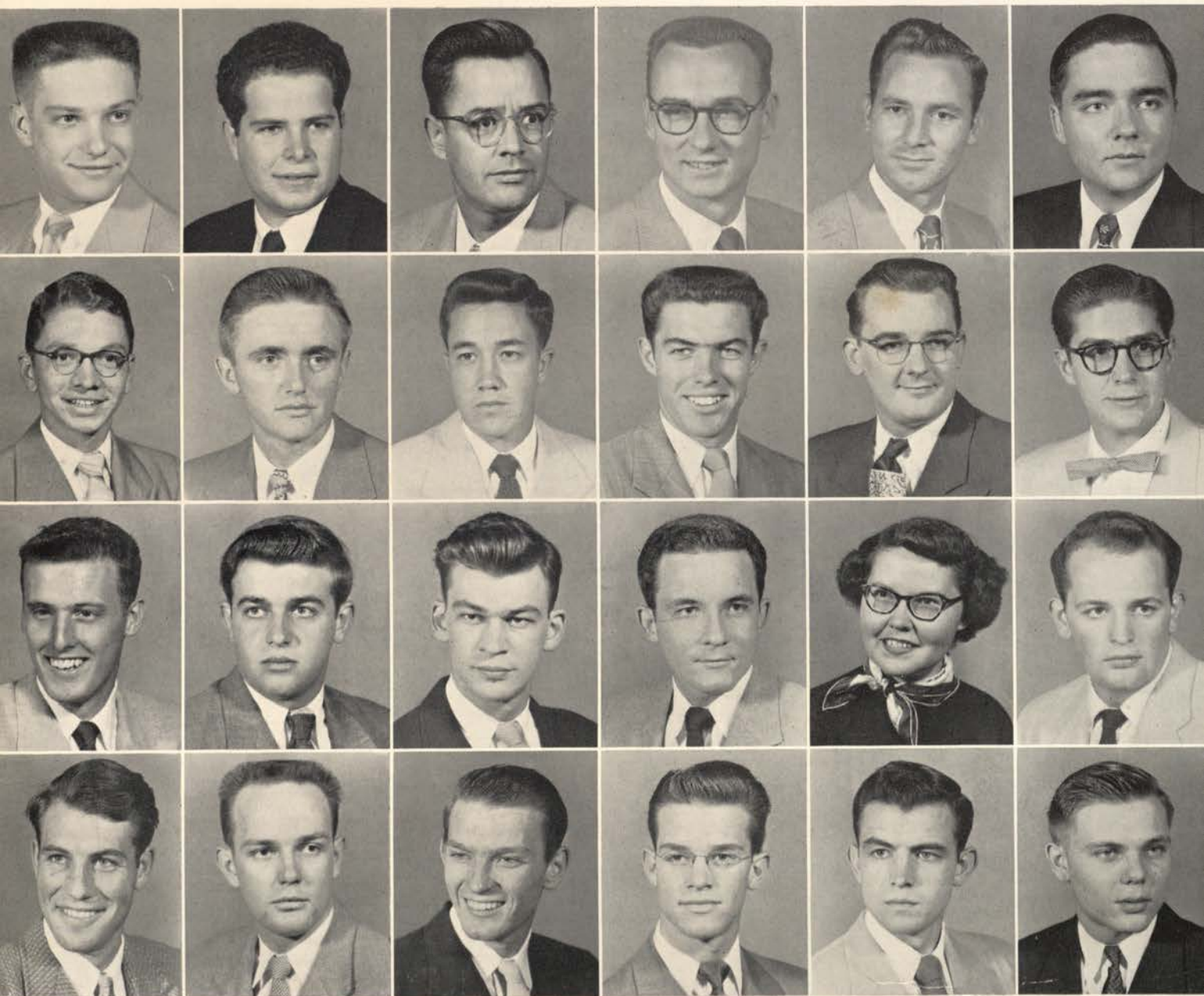
Ellis
Fitzgerald

Elswick
Fitzwater

Feese
Folk



Junior Class



Franklin Gidley Green Haubold	Frenkel Gieseke Grosso Heavlin	Gallaher Gilliam Grueninger Held	Gartland Gockel Hannauer Hess	Germer Gockenbach Hardebeck Henderson	Gessley Gollhofer Haslett Hespen
--	---	---	--	--	---

Franklin, James M.....St. Louis, Mo.
 Frenkel, Henrique D.....Sanbernadino, Venezuela
 Gallaher, Buford E.....Steele, Mo.
 Gartland, William A.....Richmond Heights, Mo.
 Germer, Charles B.....Rolla, Mo.
 Gessley, Donald.....St. Louis, Mo.
 Gidley, Larry L.....Bonne Terre, Mo.
 Gieseke, Donald E.....Malta Bend, Mo.

Gilliam, Dale D.....Webb City, Mo.
 Gockel, Charles E.....Carthage, Mo.
 Gockenback, LeRoy G.....Florissant, Mo.
 Gollhofer, Frank R.....Ferguson, Mo.
 Green, Joe P.....St. Louis, Mo.
 Grosse, John A.....Benld, Ill.
 Grueninger, Walter W.....St. Louis, Mo.
 Hannauer, Icseph O.....St. Louis, Mo.

Nineteen Fifty-Four



Hirsch
Houser
Jurenka
Keene
Ketcham

Holliday
Johanboeke
Kahre
Keller
Koirtzohann

Hongyok
Jost
Kaiser
Kessler
Kolasch

Hardebeck, Elezabeth M.....Rolla, Mo.
Haslett, Gerald W.....Joplin, Mo.
Haubold, Reiner G.....Palacios, Tex.
Heavlin, Harold D.....Kansas City, Mo.
Held, Lawrence.....Higginsville, Mo.
Henderson, Billie D.....Bennett, Mo.
Hespen, James F.....Webster Groves, Mo.
Hess, Ronald M.....San Francisco, Calif.
Hirsch, Richard P.....St. Louis, Mo.
Holiday, Allen D.....Carthage, Mo.
Hongyok, Anake.....Bhuket, Thailand
Houser, Daniel J.....Desloge, Mo.
Johanboeke, Roy B.....Kirkwood, Mo.
Jost, Edward N.....St. Louis, Mo.
Jurenka, Gilbert G.....Madison, Kans.
Kahre, Kenneth C.....Hoyleton, Ill.
Kaiser, Richard L.....Mexico, Mo.
Keene, William C.....Pinckneyville, Ill.
Keller, Leonard J.....Rolla, Mo.
Kessler, Lawrence R.....Washington, Mo.
Ketcham, Daniel L.....Springfield, Mo.
Koirtzohann, Victor L.....Washington, Mo.
Kolasch, Joseph A.....St. Louis, Mo.
Kosakowski, Zygmund E.....Rolla, Mo.
Krieg, Marlin F.....St. Charles, Mo.
Kruger, Harry J.....St. Louis, Mo.
Kummer, Donald L.....Chesterfield, Mo.
Lansford, Oris G.....Belle, Mo.
Lesyna, Joseph F.....St. Louis, Mo.

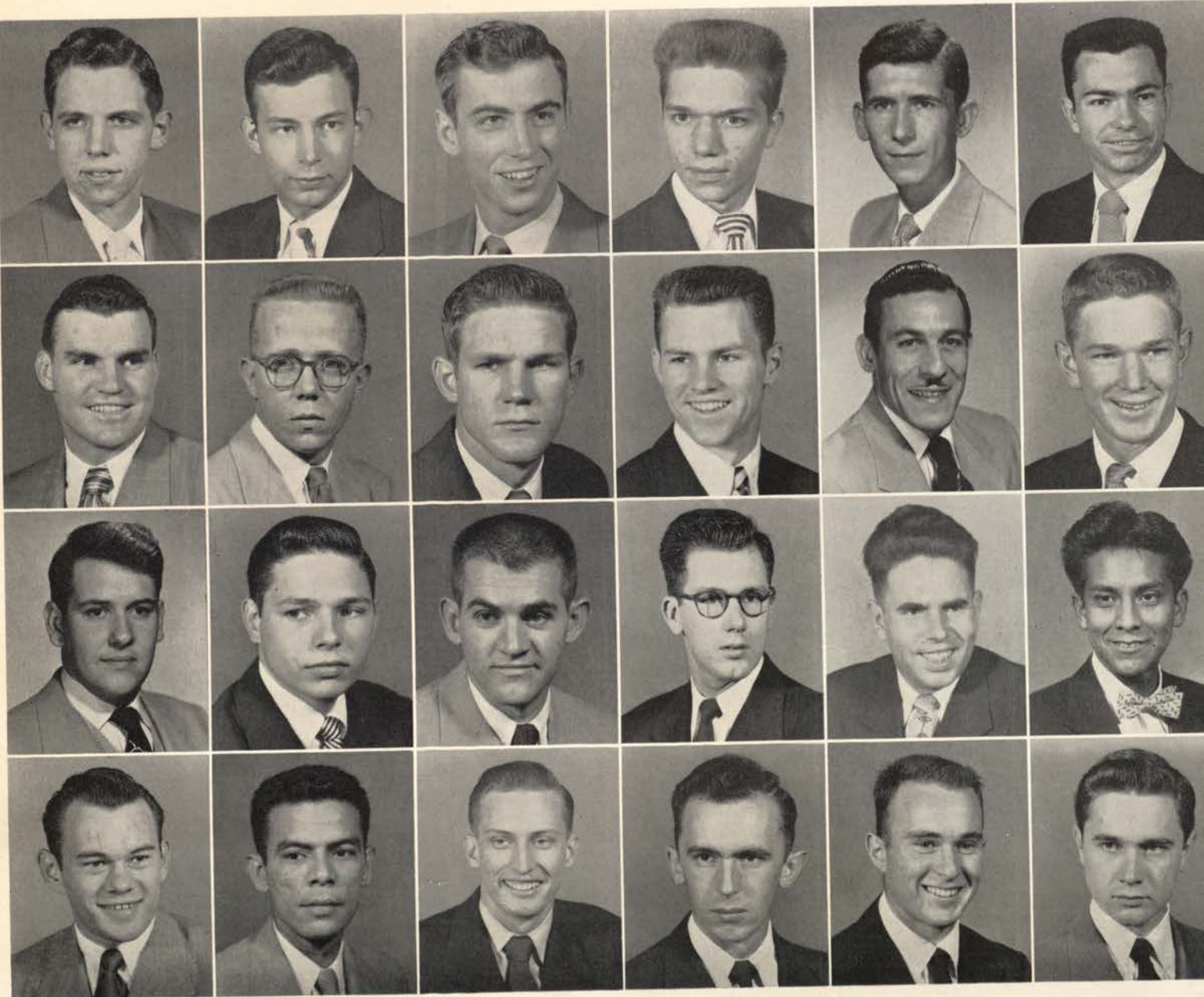
Kosakowski
Kummer

Krieg
Lansford

Kruger
Lesyna



Junior Class



Lewis
McCarthy
Martin, B.
Morris

Lindsey
McMorris
Martin, R.
Mulford

Linhares
Maddox
Miles
Mullen

Lobacz
Mann
Miller
Nagy

Luehring
Markos
Mills
Nawcomer

Lynch
Marlow
Moreno
Norman

Lewis, Harvey L.....Lone Dell, Mo.
Lindsey, Ernest E.....Ottawa, Ill.
Linhares, James D.....University City, Mo.
Lobacz, Joseph F.....St. Louis, Mo.
Luehring, Elmer L.....Cape Girardeau, Mo.
Lynch, James A.....Cape Girardeau, Mo.
McCarthy, John M.....East St. Louis, Ill.
McMorris, William L.....Pittsburgh, Pa.

Maddox, Arnold W.....Kansas City, Mo.
Mann, Kenneth E.....St. Louis, Mo.
Markos, La Verne J.....Rolla, Mo.
Marlow, James W.....Rolla, Mo.
Martin, Bill G.....Joplin, Mo.
Martin, Robert J.....Richmond Heights, Mo.
Miles, John B.....Rolla, Mo.
Miller, Robert A.....Ferguson, Mo.

Nineteen Fifty-Four



North
Oetting
Owens
Penzel
Picker

Nothstine
Orrick
Paladin
Pfaff
Pickering

Nyman
Orth
Parker
Phillips
Placke

Mills, Edward L.....Wright City, Mo.
Moreno, Francisco M.....Pcint Lookout, Mo.
Morris, Gorman E.....St. Louis, Mo.
Mul'ord, Luis.....Barranquilla, Colombia
Mullen, James G.....St. Louis, Mo.
Nagy, Miklos E.....Franklin, Mo.
Newcomer, Robert E.....St. Louis, Mo.
Norman, Dan P.....Je'ferson City, Mo.
North, David G.....Springfield, Mo.
Nothstine, David E.....Washington, Mo.
Nyman, Roy T.....Arlington Heights, Ill.
Oetting, Robert B.....Raytown, Mo.
Orrick, Dale J.....St. Louis, Mo.
Orth, Paul J.....St. Louis, Mo.
Owens, Robert E.....Hopkins, Mo.
Paladin, Frank W.....St. Louis, Mo.
Parker, Perry L.....Webb City, Mo.
Penzel, Carl G.....Jackson, Mo.
Pfaff, Raymond E.Normandy, Mo.
Phillips, John H.....Granite City, Ill.
Picker, Delmar E.....Vienna, Mo.
Pickering, Don H.....St. Louis, Mo.
Placke, Kurt O.....St. Louis, Mo.
Ponciroli, Kenneth L.....St. Louis, Mo.
Porter, Scott T.....Rolla, Mo.
Powell, Virgil L.....Centralia, Mo.
Pryor, Richard L.....Rolla, Mo.
Randolph, John B.....St. Louis, Mo.
Rathbun, James R.....Sparta, Mo.

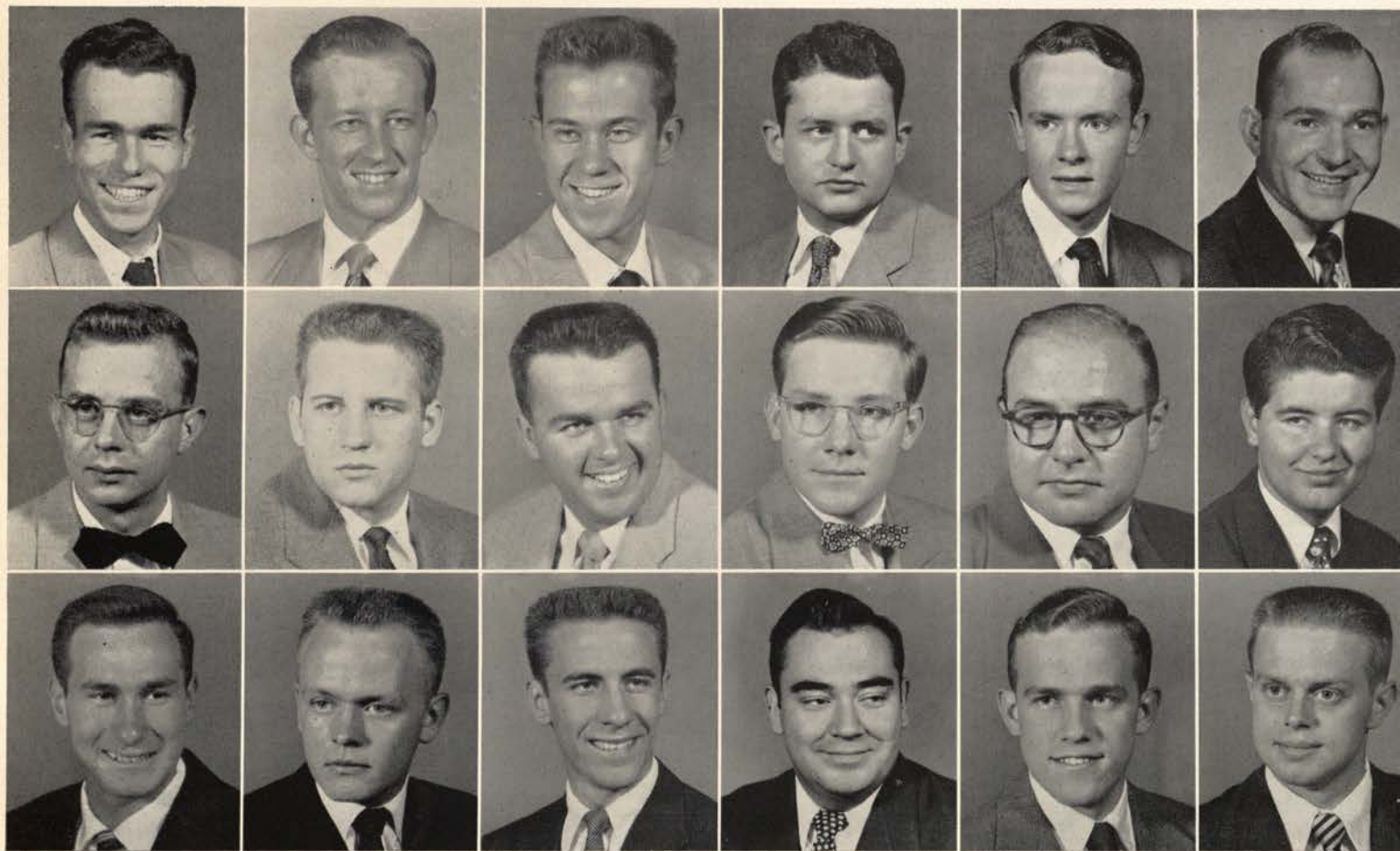
Ponceroli
Pryor

Porter
Randolph

Powell
Rathbun



Junior Class



Rickey
Sanner
Skubic

Roethe
Schlensker
Smay

Rose
Schmition
Smith, B.

Ruch
Schulte
Smith, G.

Rudolph
Schuman
Soellner

Sabus
Sharp
Spann

Rickey, Robert B.....Independence, Mo.
Roethe, Floyd A.....St. Louis, Mo.
Rose, John F.....Kirkwood, Mo.
Ruch, Robert.....Brentwood, Mo.
Rudolph, Allen H.....Glenn Allen, Mo.
Sabus, George J.....Churdan, Iowa
Sanner, M. Duane.....Poplar Bluff, Mo.
Schlensker, John A.....Owensboro, Ky.

Schmittou, Clay J.....Strafford, Mo.
Schulte, Harvey E.....Lemay, Mo.
Schuman, Charles W.....Rolla, Mo.
Sharp, Melvin A.....Columbia, Utah
Skubic, Raymond J.....St. Louis, Mo.
Smay, Byron K.....Clarence, Mo.
Smith, Benny K.....Poplar Bluff, Mo.
Smith, Glen A.....Carthage, Mo.

Nineteen Fifty-Four



Stearman
Stewart
Storment
Thompson
VanBuskirk

Steger
Stimson
Stump
Thompson
Varsos

Steiner
Stone
Summers
Tucker
Victor

Soellner, Arthur M.....Clayton, Mo.
Spann, Gerald D.....St. Louis, Mo.
Stearman, Myles D.....Burbank, Calif.
Steger, Philip J.....Overland, Mo.
Steiner, Eugene F.....St. Louis, Mo.
Stewart, Raymond A.....Higginsville, Mo.
Stimson, William R.....Rolla, Mo.
Stone, James W.....Doniphan, Mo.
Storment, Don B.....Marthasville, Mo.
Stump, James W.....Hartford, Ill.
Summers, John W.....Monett, Mo.
Thompson, Eugene E.....St. Joseph, Mo.
Thompson, Harold S.....Kinderhook, Ill.
Tucker, Paul B.....Robertson, Mo.
VanBuskirk, John R.....Greenfield, Mo.
Varsos, Spyros G.....Athens, Greece
Victor, John J.....Flat River, Mo.
Wasinger, Robert M.....Linn, Mo.
Wilckermuth, Richard A.....Port Byron, Ill.
Winchester, Robert P.....Ozone Park, N. Y.
Wolf, Neil F.....St. Louis, Mo.
Yallaly, Stephen P.....Modoc, Ill.
Zimmerman, Jordan M.....Great Neck, N. Y.

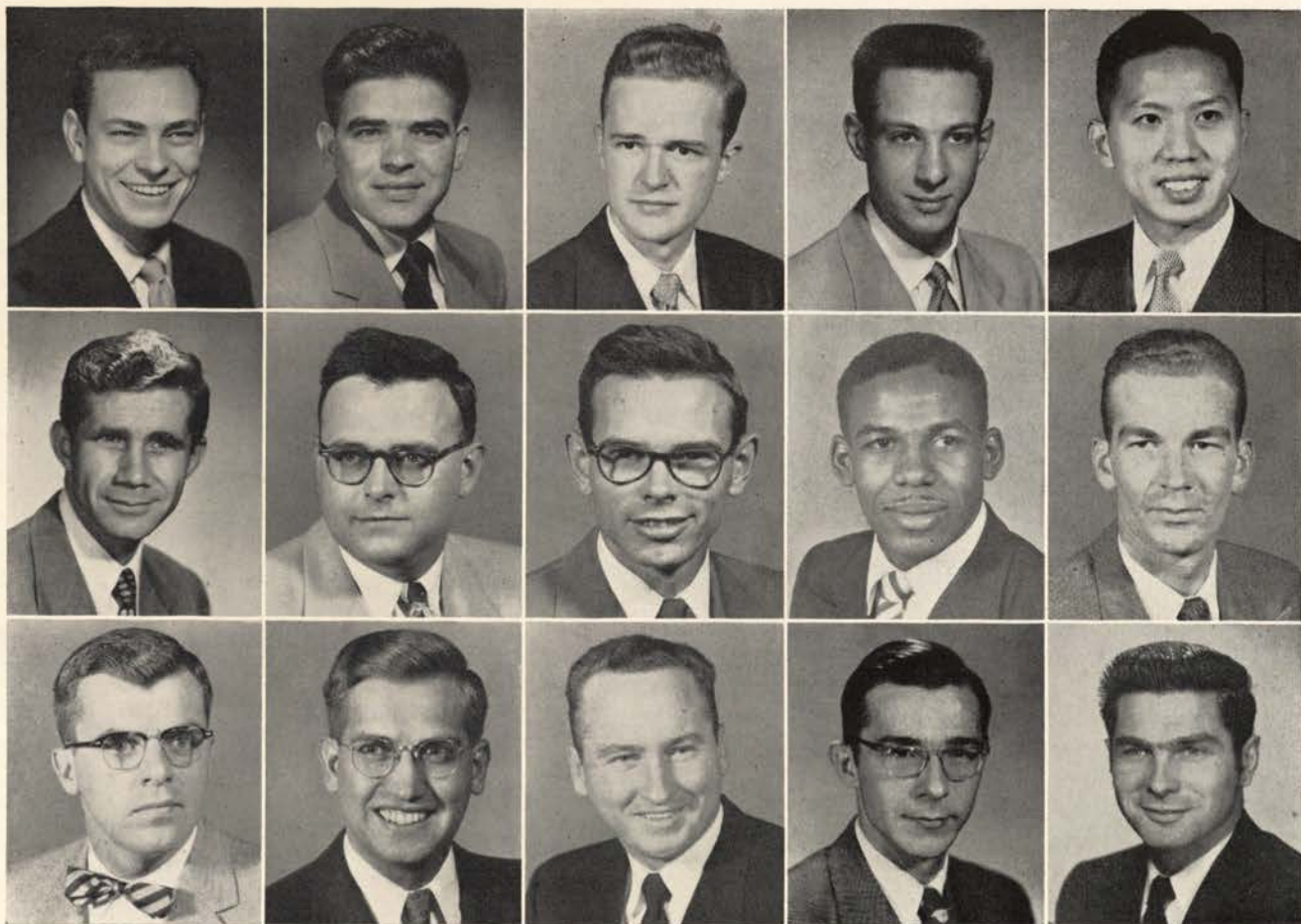
Wasinger
Wolf

Wildermuth
Yallaly

Winchester
Zimmerman



Graduate Students



Abendroth
Crockett
Gould

Blackmon
Davis
Gruver

Brown
Freeman
Hansen

Carver
Garrett
Heagler

Chiou
Goul
Hewett

Abendroth, Reinhard P.....St. Louis, Mo.
Barkley, Charles S.....Rolla, Mo.
Blackmon, Paul H.....Rolla, Mo.
Boleski, Donald R.....St. Joseph, Mo.
Breazeale, Mack A.....Crossville, Tenn.
Brown, Howard M.....Oak Park, Ill.
Carver, Robert E.....Kansas City, Mo.
Chiou, Kai-Chai.....Rolla, Mo.
Choate, Robert L.....Rolla, Mo.
Crockett, Nathan E.....Huntington, W. Va.
Culp, Archie W.....St. Joseph, Mo.
Davis, Carl B.....Salem, Mo.
Deaver, Billy G.....Richmond, Va.
Fletcher, Henry R.....North Bergen, N. J.
Frad, William A.....Rolla, Mo.

Freeman, David J.....West Plains, Mo.
Friedrich, John P.....Green Valley, Ill.
Garrett, Silas G.....Rolla, Mo.
Goul, Richard D.....Rolla, Mo.
Gould, David S.....Alton, Ill.
Grady, Robert F.....Mason City, Iowa
Gruver, Robert M.....State College, Pa.
Hansen, Peter G.....Bowling Green, Mo.
Heagler, John B.....Rolla, Mo.
Hendrix, James S.....Rolla, Mo.
Hewett, Charles A.....Johnson City, N. Y.
Higgs, William R.....Rolla, Mo.
Horine, Robert A.....Richwoods, Mo.
Ilter, Ahmet.....Istanbul, Turkey
Johnson, Charles A.....Rolla, Mo.

Graduate Students

Larson, Andrew H.....LaSalle, Ill.
 McKee, William D.....Rolla, Mo.
 Martin, Arliss V.....Salem, Mo.
 Martin, James A.....Pittsburgh, Pa.
 Martin, Lewis C.....Rolla, Mo.
 Mohanty, Gajendra N.....Cuttack, India
 Neumann, Norbert F.....Rolla, Mo.
 Nolte, Roger E.....Rolla, Mo.
 Paar, William A.....Jackson, Mo.
 Peralta, B. C.....Oklahoma City, Okla.
 Plunkett, Jerry D.....Dixon, Mo.
 Rasche, Robert E.....Cape Girardeau, Mo.
 Reetz, Arthur.....Rolla, Mo.
 Riggs, Bernard M.....Rolla, Mo.
 Sedalia, Bhikhubhai M.....Bombay, India

Sen, Nalin.....Calcutta, India
 Shih, Sheng-Tai.....Wuchang, China
 Shoolbred, Robert A.....Rolla, Mo.
 Shulze, Charles E.....Rolla, Mo.
 Tangri, Krishan K.....New Delhi, India
 Thomas, James D.....Marshall, Mo.
 Towell, Robert H.....Kansas City, Mo.
 Van Duym, Dirk P.....Rolla, Mo.
 Volker, Vernon D.....Springfield, Mo.
 Wagner, Frederick R.....Sedalia, Mo.
 Waheb, Muhammed A.....East Pakistan
 Wang, Yen-Ngen.....Rolla, Mo.
 Weisbrod, Harold R.....Rolla, Mo.
 Wykoff, Benjamin T.....Rolla, Mo.
 Yorston, Howard J.....Rolla, Mo.

Horine
Neuman
Towell

Ilter
Plunkett
Wagner

Larson
Rasche
Waheb

Martin
Sen
Weisbrod

McKee
Shih
Wykoff

Mohanty
Tangri
Yorston



Anderson, James S.....Springfield, Mo.
 Baloga, Michael.....Sewaren, N. J.
 Barnard, Charles R.....Oakland City, Ind.
 Baumgartner, George H.....St. Louis, Mo.
 Baynham, Jack H.....Rolla, Mo.
 Beirne, John J.....Creve Coeur, Mo.
 Bening, Robert G.....Stoutland, Mo.
 Boze, Ralph E.....Lynchburg, Va.
 Broadbuss, Wayne R.....Rolla, Mo.
 Brockmann, Lester A.....Clayton, Mo.
 Canady, Arthur R.....Springfield, Mo.
 Coffee, Harvey.....Overland, Mo.
 Crowell, Roscoe H.....Springfield, Mo.
 Davis, Richard L.....St. Joseph, Mo.
 Dessieux, Paul R.....Linn, Mo.
 Durham, Richard C.....Rolla, Mo.
 Ellsworth, David M.....Springfield, Mo.
 Fink, Arthur C.....Glencoe, Mo.
 Fisher, Donald G.....Rolla, Mo.
 Flegel, Russell.....Rolla, Mo.
 Glenn, Robert E.....Bonne Terre, Mo.
 Haber, Donald F.....St. Louis, Mo.
 Hanley, Arthur.....Roselle, N. J.
 Harbert, Donald B.....Rolla, Mo.
 Hayes, Leo A.....East St. Louis, Ill.
 Hays, William B.....Decatur, Ill.
 Hefti, Norman B.....Sullivan, Mo.
 Hercules, Hubert R.....St. Charles, Mo.
 Hooks, Warren D.....Preston, Mo.
 Hutchings, Paul A.....Newburg, Mo.
 Johnson, Ben.....St. Louis, Mo.
 Johnson, Martin C. V.....Shorewood, Wis.
 Knopp, John D.....Rolla, Mo.
 Korn, Robert A.....East Rutherford, N. J.
 Kornfeld, Robert J.....Affton, Mo.
 Lane, Thomas F.....Kevil, Ky.
 Langston, Russell L.....Kennett, Mo.
 Lanning, William K.....Rolla, Mo.

Lidster, William A.....Alton, Ill.
 McCreary, Robert E.....DeSoto, Mo.
 Mountjoy, William R.....Kansas City, Mo.
 Muhlbauer, Karlheinz C.....Rolla, Mo.
 Musallam, Samih Y.....Amman, Jordan
 Muscovalley, Joseph N.....St. Louis, Mo.
 Newman, Clinton E.....Kansas City, Mo.
 Palmer, Jack A.....Trenton, Mo.
 Peck, Edwin R.....Jacksonville, Fla.
 Piehler, Donald M.....Chicago, Ill.
 Pifer, Andrew J.....Williamsville, N. Y.
 Prager, Martin.....Brooklyn, N. Y.
 Rayvis Mohd A.....Gaza, Egypt
 Redel, Peter O.....Vienna, Mo.
 Roberts, Joseph B.....Fulton, Mo.
 Roesler, Ralph R.....St. Louis, Mo.
 Saussele, Charles W.....St. Louis, Mo.
 Schaefer, Robert K.....Chesterfield, Mo.
 Schenk, Ronald H.....Alton, Ill.
 Senter, Lloyd O.....Fredericktown, Mo.
 Skaggs, Robert L.....St. Louis, Mo.
 Smart, Samuel.....Sparta, Ill.
 Smith, Floyd T.....St. Joseph, Mo.
 Smith, Frederick C. J.....Camden, N. J.
 Steinmeyer, Gerald H.....St. Louis, Mo.
 Summers, Oscar H.....Newburg, Mo.
 Taetz, Philip J.....Gray Summit, Mo.
 Tolpen, Jack.....St. Louis, Mo.
 Townsend, David W.....Cobden, Ill.
 VanDusen, Peter A.....University City, Mo.
 Vaughn, Charles F.....St. Joseph, Mo.
 Webb, Marx R.....Lone Jack, Mo.
 Weber, John H.....St. Louis, Mo.
 Weitzel, Charles A.....Warrensburg, Mo.
 Wilkinson, Glenn R.....Paw Paw, Mich.
 Woodruff, Kenneth C.....St. Louis, Mo.
 Yiannos, Peter N.....Alton, Ill.

Sophomores of Nineteen Fifty-Four

Aid, Kenneth.....Rolla, Mo.
 Altheide, Charles R.....Hannibal, Mo.
 Arnold, Paul W.....Grafton, Ill.
 Aslin, Charles F.....Bloomfield, Mo.
 Atkins, Doral G.....Lebanon, Mo.
 Atkinson, Henry R.....Springfield, Mo.
 Attebery, Raymond F.....Lebanon, Mo.
 Atwell, Harold E.....Rolla, Mo.
 Auld, Robert F.....Rochester, N. Y.
 Baker, Charles R.....Clarkton, Mo.
 Ball, Jack E.....West Plains, Mo.
 Barnes, Marvin G.....Potosi, Mo.
 Becker, Robert W.....St. Louis, Mo.
 Beecher, Richard G.....Kansas City, Mo.
 Beghtol, LeRoy A.....Lombard, Ill.
 Berger, Richard E.....Queens Village, N. Y.
 Berger, Warren D.....Richland, Mo.
 Berry, Granville M.....Carrollton, Ill.
 Bess, James D.....St. Louis, Mo.
 Black, Elmer L. R.....Bonne Terre, Mo.
 Bloebaum, Robert S.....St. Charles, Mo.
 Bohling, William C.....Washington, Mo.
 Borgerding, James H.....Marthasville, Mo.
 Boyd, Virgil C.....Webb City, Mo.
 Bracken, Pat O.....Springfield, Mo.
 Brands, Paul C.....Grafton, Ill.
 Brawley, John M.....Ellington, Mo.
 Briceno, Jorge J.....Trujillo, Venezuela
 Brown, Donald D.....Chillicothe, Mo.
 Brown, Gilbert N.....New York, N. Y.
 Bub, Robert L.....Affton, Mo.
 Bujewski, Edward J.....Pagedale, Mo.
 Butterfield, Boydston L.....Plainfield, N. J.
 Calhoun, John F.....Springfield, Mo.
 Campbell, Lowell G.....Rolla, Mo.
 Campen, Edward B.....Rolla, Mo.
 Canady, John E.....Springfield, Ill.
 Capek, Frank J.....Rolla, Mo.
 Casteel, Gerald R.....Princeton, Mo.
 Catron, Robert L.....St. Louis, Mo.
 Chapman, Dale E.....Jennings, Mo.
 Cooksey, Joel N.....Marion, Ill.
 Crutcher, Clyde A.....Crystal City, Mo.
 Damerval, Frank B.....St. Louis, Mo.
 Davis, Larry O.....Stanton, Mo.
 Dechant, Robert F.....Belleville, Ill.
 Dillard, Homer E.....Salem, Mo.
 Dombrosky, Edward P.....Granite City, Ill.
 Dorris, Floyd R.....Kansas City, Mo.
 Douglass, Paul G.....Olean, N. Y.
 Douglass Paul R.....Jefferson City, Mo.
 Dyess, Ronald T.....St. Louis, Mo.
 Edmonds, David G.....Lebanon, Mo.
 Ellis, Guy F.....Purdy, Mo.
 Ellis, Walter H.....East Williston, N. Y.
 Emery, John R.....Flora, Ill.
 Enslow, Kenneth W.....Helena, Mo.
 Escott, Kenneth G.....University City, Mo.
 Fard, Mehdi R.....Tehran, Iran
 Farmer, Richard K.....Jennings, Mo.
 Feemster, John R.....Fornfelt, Mo.
 Frakes, Ronald G.....Edwardsville, Ill.
 Frazier, David E.....West Plains, Mo.
 Fussell, Larry N.....East Prairie, Mo.
 Gerard, Peter A.....Park Ridge, Ill.
 Gillham, Ronald R.....Hendrickson, Mo.
 Glaser, Carl W.....Chesterfield, Mo.
 Glasscock, F. Mack.....Hayti, Mo.
 Godsy, James D.....Fremont, Mo.
 Gooding, Dennis J.....Verona, Mo.
 Graden, William F.....Riverton, N. J.
 Graham, John T.....Mt. Vernon, Ind.

Gramlich, Paul F.....Belleville, Ill.
 Gratz, George O.....Danbury, Conn.
 Gribble, Valgene.....Harrisburg, Ill.
 Grigsby, Donald L.....Warrensburg, Mo.
 Grimes, Charles J.....Morehouse, Mo.
 Gulotta, Samuel A.....Wood River, Ill.
 Habersaat, Billy C.....Lockwood, Mo.
 Hall, Glenn F.....Malden, Mo.
 Hammond, John R.....Warrensburg, Mo.
 Harrison, Charles R.....Lebanon, Mo.
 Hart, Norman E.....Kirkwood, Mo.
 Harting, Louis L.....St. Louis, Mo.
 Hartman, Bert E.....Oakwood, Mo.
 Hatzikyriakos, Panagiotis.....Athens, Greece
 Haubein, Wendell L.....Lockwood, Mo.
 Hays, Harry D.....New London, Mo.
 Heinrich, Guy W.....Jefferson City, Mo.
 Hemken, Herman E.....Granite City, Ill.
 Henson, Donald L.....Granite City, Ill.
 Herzog, John O.....Altenburg, Mo.
 Hesse, Louis F.....Godfrey, Ill.
 Hoffmeister, Edwin F.....Rolla, Mo.
 Holman, James R.....Richmond, Mo.
 Holmbeck, Glenn E.....Richmond Heights, Mo.
 Horton, Horace R.....Rolla, Mo.
 Howard, John J.....St. Louis, Mo.
 Hygh, William E.....Springfield, Mo.
 Jackson, Frederick E.....Marshall, Mo.
 Janesky, Fred W.....Danbury, Conn.
 Jones, Bob L.....Windsor, Mo.
 Jones, Ralph H.....Maplewood, Mo.
 Keibel, Harlan L.....Belleville, Ill.
 Kidder, Donald D.....Harviell, Mo.
 Kline, Robert H.....Kansas City, Mo.
 Kollmeyer, Ray L.....Farmington, Mo.
 Lamb, Donald W.....Glasgow, Mo.
 Law, Preston J.....Kirkwood, Mo.
 LeBrun, Louis L.....St. Louis, Mo.
 LeJeune, Kenneth M.....Springfield, Mo.
 Lenz, William J.....St. Louis, Mo.
 Lester, James L.....Sikeston, Mo.
 Lieberman, Warren.....Bronx, N. Y.
 Link, August L.....St. Louis, Mo.
 Lockridge, Edwin C.....Kansas City, Mo.
 Long, Charles A.....Sedalia, Mo.
 Long, James E.....Jefferson City, Mo.
 Longshore, James F.....South Roxana, Ill.
 Lowell, Eugene L.....Granite City, Ill.
 McCarthy, Thomas M.....St. Louis, Mo.
 McCoy, Charles J.....Sikeston, Mo.
 McFarland, Dale L.....Flat River, Mo.
 McNew, William C.....Harrisburg, Ill.
 McReynolds, Woods A.....Brighton, Mo.
 Macions, Ted W.....Granite City, Ill.
 Mahoney, Michael G.....Shelbyville, Mo.
 Marschel, Ronald E.....Boonville, Mo.
 Meador, Carroll D.....Vernon, Ill.
 Merk, George P.....Homewood, Ill.
 Meyer, Gaylord L.....Farmington, Mo.
 Meyer, Harry M.....Maryville, Mo.
 Miklos, George A.....Benld, Ill.
 Miller, Forrest R.....Lexington, Mo.
 Milligan, Weldon E.....Hartford, Ill.
 Moffat, Joseph W.....Springfield, Ill.
 Morales, Victor M.
 Guatemala City, Guatemala
 Morris, Edgar L.....Sikeston, Mo.
 Moser, Paul B.....Brunswick, Mo.
 Mothersbaugh, Louis L.....Dexter, Mo.
 Mueller, Dan H.....University City, Mo.
 Mullins, Morton L.....Kirkwood, Mo.
 Murphy, Frederick L.....Farmington, Mo.

Murphy, James M.....Old Greenwich, Conn.
 Murphy, John S.....Kirkwood, Mo.
 Murphy, Larry L.....Robinson, Ill.
 Nebelsick, Robert L.....Belleville, Ill.
 Neumann, Erhard M.....St. Louis, Mo.
 Noll, Forrest L.....Kansas City, Mo.
 Northup, Allan L.....Kahoka, Mo.
 Olmsted, George W.....Bonne Terre, Mo.
 O'Neal, Harold G.....Versailles, Mo.
 O'Neill, William J.....Rolla, Mo.
 Overton, Jerry B.....Martin City, Mo.
 Owen, James W.....Lebanon, Mo.
 Owen, Robert M.....Bowling Green, Ky.
 Paul, Eugene H.....North Bergen, N. J.
 Perry, M. Ann.....Lake Springs, Mo.
 Perry, Robert K.....Rolla, Mo.
 Phillips, Robert L.....McClure, Ill.
 Queen, David F.....Rhinebeck, N. Y.
 Rand, Robert L.....Kansas City, Mo.
 Rasey, Watson G.....Kansas City, Mo.
 Reed, Leo M.....Houston, Mo.
 Reeves, Chesley V.....Elvins, Mo.
 Resnick, Rudolf.....East St. Louis, Ill.
 Riley, Kenneth G.....Rolla, Mo.
 Robinson, Richard W.....Oberlin, Ohio
 Roe, George W.....Rolla, Mo.
 Rudolf, Alfred J.....Newark, N. J.
 Santoro, Alex J.....Kansas City, Mo.
 Schaffner, Curtis R.....Nomandy, Mo.
 Schillinger, Dale J.....East Alton, Ill.
 Schmidt, Harold A.....Gerald, Mo.
 Schmidt, Kenneth J.....Northport, N. Y.
 Schneider, Robert W.....Rolla, Mo.
 Schramm, William W.....Farmington, Mo.
 Schreiber, Paul.....St. Louis, Mo.
 Schultz, Warren D.....Corning, Mo.
 Schwab, Jerry L.....Cape Girardeau, Mo.
 Scrivner, Jack M.....Jefferson City, Mo.
 Shepard, Ralph E.....Belleville, Ill.
 Shildmeyer, James A.....Glendale, Mo.
 Shurberg, Michael I.....New Britain, Conn.
 Smith, Wayne K.....Rolla, Mo.
 Staples, Charles J.....Plains, Kans.
 Steffan, Ken F.....Poplar Bluff, Mo.
 Stelzer, Floyd L.....Rolla, Mo.
 Stephenson, Norman D.....St. Louis, Mo.
 Stiles, Richard J.....Neosho, Mo.
 Stolte, David W.....St. Louis, Mo.
 Strumanis, Andrejs G. J.....Rolla, Mo.
 Sturdy, James N.....Kirkwood, Mo.
 Suhre, Maurice E.....Rolla, Mo.
 Tauser, Raymond H.....St. Louis, Mo.
 Teodori, Philip F.....Brooklyn, N. Y.
 Thompson, LeRoy E.....McBride, Mo.
 Unnerstall, James A.....Washington, Mo.
 Vallez, Michael H.....Old Greenwich, Conn.
 Walker, Howard W.....Carthage, Mo.
 Walker, Norman L.....Harrison, Ark.
 Ware, James W.....Lebanon, Mo.
 Weiler, John L.....St. Louis, Mo.
 Weisler, August C.....Perryville, Mo.
 Werbitzky, Harry M.....Willow Springs, Mo.
 Werder, Edward R.....Jersey, N. J.
 Wigger, Robert C.....Cantwell, Mo.
 Wilkinson, Carl C.....Sikeston, Mo.
 Williams, Hubert B.....Harrisburg, Ill.
 Wilson, Donald P.....Granite City, Ill.
 Wood, LeRoy M.....Bonne Terre, Mo.
 Zala, Laszlo F.....Barranquilla, Colombia
 Zarzavatjian, Papken A.....Baghdad, Iraq
 Zickel, William J.....Brentwood, Mo.

Freshmen of Nineteen Fifty-Four

Aberle, Richard H.....Ferguson, Mo.
 Akley, Ramon D.....Rolla, Mo.
 Alberter, Ronald G.....Brentwood, Mo.
 Alexander, William.....Alton, Ill.
 Almstead, Charles R.....St. Louis, Mo.
 Altmiller, William H.....University City, Mo.
 Anderson, Richard S.....St. Louis, Mo.
 Anderson, Robert W.....St. Louis, Mo.
 Anyan, David E.....Pagedale, Mo.
 Ashworth, Bill W.....St. Louis, Mo.
 Baechle, August A.....Ste. Genevieve, Mo.
 Baker, Donald D.....Jefferson City, Mo.
 Baker, William D.....Marissa, Ill.
 Ballin, Albert.....Roselle, N. J.
 Barbato, Danny E.....Avilla, Mo.
 Barczykowski, Don J.....St. Louis, Mo.
 Bardelmeier, August R.....Glasgow, Mo.
 Barlow, William J.....Mexico, Mo.
 Barton, Glenn E.....Summersville, Mo.
 Barton, Jerry L.....Kirkwood, Mo.
 Baruch, Richard M.....Ferguson, Mo.
 Bass, Amos B.....Portageville, Mo.
 Baumgartner, Richard C.....Pittsburgh, Pa.
 Bean, Jerry N.....West Plains, Mo.
 Beasley, Ernie J.....Summersville, Mo.
 Beasley, James C.....Calgary, Canada
 Beck, Robert R.....Downers Grove, Ill.
 Behnken, Rolland W.....Marissa, Ill.
 Bellman, Ronald L.....Altenburg, Mo.
 Bentrup, Otto T.....St. Louis, Mo.
 Berg, David W.....Kirkwood, Mo.
 Berkbigler, Roger L.....Crystal City, Mo.
 Betts, Ward J.....Granite City, Ill.
 Bingham, Gene C.....Rolla, Mo.
 Bischoff, Robert F.....Morristown, N. J.
 Block, Duncan G.....Webster Groves, Mo.
 Bodicky, Norman C.....St. Louis, Mo.
 Bolon, Lucien M.....Rolla, Mo.
 Bono, Robert L.....Louisiana, Mo.
 Boring, David E.....Mountain Grove, Mo.
 Boyett, Richard E.....Harrisburg, Ill.
 Braswell, James L.....Ozone Park, N. Y.
 Brose, John W.....St. Louis, Mo.
 Brown, Charlie A.....Rolla, Mo.
 Brown, Jack R.....Chillicothe, Mo.
 Brown, James E.....Lecoma, Mo.
 Brown, Orvis F.....East St. Louis, Ill.
 Brown, Phillip O.....Aurora, Mo.
 Bruce, Robert W.....St. Louis, Mo.
 Brumley, Tony M.....Sapulpa, Okla.
 Bunch, David W.....Mexico, Mo.
 Burkhead, Carl E.....Kansas City, Mo.
 Burlbaw, Herbert G.....Jefferson City, Mo.
 Burnham, John D.....Chadds Ford, Pa.
 Burton, James F.....St. Louis, Mo.
 Cage, Preston E.....Rolla, Mo.
 Call, Donald H.....Carthage, Mo.
 Campbell, James E.....Fredericktown, Mo.
 Campbell, Robert F.....Rolla, Mo.
 Carr, Robert H.....Springfield, Mo.
 Carr, Robert J.....St. Louis, Mo.
 Caudle, George F.....French Village, Mo.
 Chorzel, Joseph P.....St. Louis, Mo.
 Christopher, Thomas W.....Rolla, Mo.
 Classe, Henry F.....Webster Groves, Mo.
 Clement, Roy E.....Potosi, Mo.
 Clemons, Jerrold K.....Bismarck, Mo.
 Close, James R.....Edwardsville, Ill.
 Cobin, Lowell H.....New York, N. Y.
 Coffee, Lee W.....St. Louis, Mo.

Cole, Bobby D.....Granby, Mo.
 Cole, Robert E.....Chicago, Ill.
 Coleman, Fred J.....Lewisville, Ark.
 Coleman, Walter D.....Springfield, Mo.
 Comfort, John C.....Ironton, Mo.
 Conrad, Edwin L.....Bonne Terre, Mo.
 Courson, Lee Roy.....Rolla, Mo.
 Cowan, Bernard D.....Granby, Mo.
 Cowling, Richard T.....Kansas City, Mo.
 Crecelius, Percy H.....Sedalia, Mo.
 Crissup, Donald B.....East St. Louis, Ill.
 Crowe, James L.....Holcomb, Mo.
 Custead, Wayne G.....Rolla, Mo.
 Davis, Dallas L.....Kennett, Mo.
 Davis, Wayne R.....St. James, Mo.
 Dawson, Jerry O.....Bonne Terre, Mo.
 Demzik, William G.....St. Louis, Mo.
 Di Bartolo, Salvatore.....Fulton, N. Y.
 Dierberg, Robert R.....Affton, Mo.
 Dietrich, Robert A.....Granite City, Ill.
 Dowell, William D.....Hillsboro, Ill.
 Drennen, Robert L.....Trenton, Mo.
 Duerr, Lorenz K.....St. Louis, Mo.
 Durchholz, Eric O.....Washington, Mo.
 Dye, William B.....Kirkville, Mo.
 Edwards, Walter M.....Hillsboro, Ill.
 Elliott, Leslie M.....Sioux City, Iowa
 Ellis, Frank L.....Garden City, Mo.
 Ellis, Robin M.....St. Louis, Mo.
 Elrod, Lawrence M.....High Gate, Mo.
 Englick, Jack E.....Kansas City, Mo.
 Eshbaugh, Robert W.....Rolla, Mo.
 Estep, Willie F.....Jefferson City, Mo.
 Evans, Arthur A.....Hiram, Mo.
 Evans, Lanny L.....Poplar Bluff, Mo.
 Fabricius, Eugene D.....Cuba, Mo.
 Fahy, David P.....Richmond Heights, Mo.
 Fatsiadis, Denis.....Kifissia, Greece
 Feaster, Roger L.....Palmyra, Mo.
 Ferguson, Donald J.....St. Louis, Mo.
 Ferrill, Mitchell D.....Cobden, Ill.
 Finley, Donald L.....Rolla, Mo.
 Fittro, James L.....St. Louis, Mo.
 Fitzgibbons, William T.....Jerseyville, Ill.
 Fletcher, Paul M.....North Bergen, N. J.
 Ford, Bob H.....Kirkwood, Mo.
 Ford, John.....Cape Girardeau, Mo.
 Foster, Calvin W.....Kansas City, Mo.
 Fowlkes, Charles W.....Cedar Hill, Mo.
 Frangel, William L.....Normandy, Mo.
 Freesmeier, Leo J.....Rock Hill, Mo.
 Friedlein, Theodore F.....St. Louis, Mo.
 Friend, David D.....Licking, Mo.
 Fulkerson, Thomas F.....Kirkville, Mo.
 Fuller, Robert G.....Rolla, Mo.
 Funk, James K.....Irving, Ill.
 Garrett, Donald W.....Madison, Kans.
 Gavan, John C.....St. Louis, Mo.
 Geil, Warren C.....St. Louis, Mo.
 Gender, James R.....Maplewood, Mo.
 Givens, Edwin N.....St. Louis, Mo.
 Godzwon, Gerald C.....Cucuta, Colombia
 Graham, James R.....Fredericktown, Mo.
 Grantham, Delbert C.....Perryville, Mo.
 Grebing, Ronald P.....St. Louis, Mo.
 Greco, James J.....St. Louis, Mo.
 Green, Robert E.....Hillsboro, Ill.
 Griffith, Carl D.....Thayer, Mo.
 Groppe, Norbert A.....Jennings, Mo.
 Gruel, Fred W.....Sullivan, Mo.

Gruenwald, William R.....Bronx, N. Y.
 Guyot, Roger L.....Perryville, Mo.
 Haber, James A.....St. Louis, Mo.
 Hall, Donald W.....Kansas City, Mo.
 Hanss, Eugene J.....St. Louis, Mo.
 Harbaugh, David L.....St. Louis, Mo.
 Harbaugh, Terence E.....West Plains, Mo.
 Harper, William R.....Cairo, Ill.
 Harris, Bobby V.....Poplar Bluff, Mo.
 Harris, Ronald E.....Kansas City, Mo.
 Hart, Donald R.....Greentop, Mo.
 Haubold, Niels B.....Palacios, Tex.
 Hazelwood, Robert L.....Waterloo, Ill.
 Head, Ernest J.....Springfield, Mo.
 Heagler, Richard B.....Rolla, Mo.
 Heinsohn, Richard A.....Brooklyn, N. Y.
 Heller, Vernon F.....Eureka, Mo.
 Helm, C. Robert.....Robinson, Ill.
 Henninger, Francis H.....Carlstadt, N. J.
 Henson, Hershel L.....Carthage, Mo.
 Hermann, John I.....Overland, Mo.
 Herrick, Thomas J.....St. Louis, Mo.
 Herron, Robert L.....St. Louis, Mo.
 Heumann, Carl J.....St. Louis, Mo.
 Hickman, Carl E.....Hannibal, Mo.
 Hill, Milton A.....Elsberry, Mo.
 Hinds, Robert E.....Rolla, Mo.
 Hodge, Chester B.....Moweaqua, Ill.
 Hoffmann, Victor J.....Bellevue, Ill.
 Huffman, Roy G.....Paris, Mo.
 Huges, Myron R.....Rolla, Mo.
 Humphrey, Richard L.....Centralia, Mo.
 Hunnicutt, Dennis R.....Granite City, Ill.
 Hunter, Charles E.....Kansas City, Mo.
 Hurlburt, William E.....Neosho, Mo.
 Hussey, Raymond L.....St. Louis, Mo.
 Husted, George E.....Phillipsburg, Mo.
 Jackson, John R.....Rolla, Mo.
 Jackson, Kenneth E.....Vida, Mo.
 Jackson, Robert A.....Rolla, Mo.
 Jenkins, Irvin W.....Rolla, Mo.
 Jennings, Ted L.....Lebanon, Mo.
 Jennings, William M.....Dexter, Mo.
 Johner, Allan F.....Kirkwood, Mo.
 Johnson, John H.....Steelville, Mo.
 Johnson, Norman C.....Rolla, Mo.
 Johnston, Waymon L.....Rolla, Mo.
 Jones, Eugene P.....Bellevue, Mo.
 Jones, Louis G.....Rolla, Mo.
 Karsten, Ronald J.....St. Louis, Mo.
 Kaufmann, Roy.....Alton, Ill.
 Keller, Kurt A.....Rolla, Mo.
 Kenagy, Norman A.....Garden City, Mo.
 Kennedy, Don F.....Kirkwood, Mo.
 King, Vernon.....Worden, Ill.
 Kleffman, William I.....Edwardsville, Ill.
 Knecht, Roy E.....Ferguson, Mo.
 Kolasch, Donald W.....St. Louis, Mo.
 Kolb, Donald W.....Maplewood, Mo.
 Kosfeld, Wayne H.....St. Louis, Mo.
 Kozeny, Donald J.....Shrewsbury, Mo.
 Kreamalmeyer, Bob D.....Steelville, Ill.
 Kreder, Kermit R.....St. Charles, Mo.
 Krom, Edward A.....Saugus, Mass.
 Krueger, Fred W.....Rolla, Mo.
 Kruger, Arthur R.....St. Louis, Mo.
 Kuhne, John M.....Troy, Mo.
 Kunte, Carlos H.....Monterey, Mexico
 Lamb, Henry H.....Alton, Ill.
 Lamb, Richard D.....Brentwood, Mo.

Freshmen of Nineteen Fifty-Four

Langston, James M.....Dutchtown, Mo.
 Langston, Roy A.....Caulfield, Mo.
 Lannue, Gerald O.....Kansas City, Mo.
 Leach, Bernard C.....Ironton, Mo.
 Ledbetter, George R.....Elizabethtown, Ill.
 Lee, Larry T.....Greenwood, Mo.
 LeGrand, Maurice.....Benton, Mo.
 Lembeck, John J.....DeSoto, Mo.
 Leming, Paul W.....Cape Girardeau, Mo.
 Lentz, Clarence J.....St. Louis, Mo.
 Leonberger, Loren B.....Parma, Mo.
 Levins, Edward M.....Brooklyn, N. Y.
 Lewellen, John P.....Louisiana, Mo.
 Lockett, Frank C.....St. Louis, Mo.
 Long, Robert E.....Granite City, Ill.
 Loraine, Richard.....St. Louis, Mo.
 Louvar, Joseph F.....Chicago, Ill.
 McClay, LeRoy F.....Richland, Mo.
 McCormick, Harold E.....Palmyra, Mo.
 McGovern, Donald R.....Granite City, Ill.
 McKellar, Tommy R.....Salina, Kans.
 McKinstry, David G.....Kansas City, Mo.
 Macalady, Terry L.....Chesterfield, Mo.
 Macios, Carl.....Granite City, Ill.
 Majesko, Raymond T.....Kearny, N. J.
 Marsh, Norman L.....Fredericktown, Mo.
 Martin, Charles M.....Springfield, Mo.
 Martin, Henry T.....Fredericktown, Mo.
 Mason, Dennis E.....Brunswick, Mo.
 Mason, Richard E.....Warrensburg, Mo.
 Matthews, Gary L.....Richland, Mo.
 Matz, Alexander H.....New Hyde Park, N. Y.
 May, Charles D.....Middletown, Mo.
 Mayo, Terry H.....Parma, Mo.
 Mayor, William F.....Waynesville, Mo.
 Mayse, Robert L.....Poplar Bluff, Mo.
 Mees, F. Burke.....Richmond Heights, Mo.
 Merkle, James W.....Glendale, Mo.
 Metz, Richard R.....Kansas City, Mo.
 Metzner, Barry A.....Flushing, N. Y.
 Meyer, Marvin W.....Berger, Mo.
 Mickes, Joseph A.....St. Louis, Mo.
 Miller, Charles K.....Springfield, Mo.
 Miller, Charles L.....West Plains, Mo.
 Miller, Herbert W.....Rolla, Mo.
 Miller, Jacob W.....Springfield, Mo.
 Miller, Ronald L.....Mexico, Mo.
 Mock, Jan Bernard.....Overland, Mo.
 Moglia, Joseph P.....Morristown, N. J.
 Monroe, Duane D.....Whittier, Calif.
 Moore, James C.....Kirkwood, Mo.
 Morgan, Robert E.....Willow Springs, Mo.
 Morgan, Winfrey T.....Thayer, Mo.
 Moser, John E.....Lilbourn, Mo.
 Moss, James E.....Vandalia, Mo.
 Moyers, Gerald E.....Rolla, Mo.
 Mudd, John T.....Webster Groves, Mo.
 Mulherin, Thomas L.....Webster Groves, Mo.
 Mullen, Neil M.....Webster Groves, Mo.
 Myers, Albert T.....Lutesville, Mo.
 Nauert, Robert L.....St. Louis, Mo.
 Neely, Liston E.....Rolla, Mo.
 Nelson, Jack D.....Rolla, Mo.
 Nelson, Robert C.....St. Louis, Mo.
 Newton, Kaye Ed.....Rolla, Mo.
 Nicholson, Ton G.....Fairfield, Ill.
 Nix, Fredric C.....Washington, Mo.
 O'Keefe, Thomas J.....St. Louis, Mo.
 Olinquer, Billy M.....Brookfield, Mo.
 Olsen, Gerald P.....St. Louis, Mo.

Olsen, Harold A.....Springfield, Ill.
 Parker, Gordian N.....Union, Mo.
 Parsons, Jack D.....Ulman, Mo.
 Pate, James E.....St. Louis, Mo.
 Patton, John D.....Polo, Mo.
 Pavlak, Ronald E.....Niagara Falls, N. Y.
 Pawelek, Norman J.....Normandy, Mo.
 Penn, Harry L.....West Plains, Mo.
 Peters, Ray J.....House Springs, Mo.
 Pierson, Harold J.....Morristown, N. J.
 Pinkstaff, James R.....Sikeston, Mo.
 Pipkin, John A.....St. Louis, Mo.
 Pope, Billy T.....East St. Louis, Ill.
 Priesmeyer, William F.....St. Ann, Mo.
 Pyle, Elmer G.....Rolla, Mo.
 Radecke, Frank T.....Edwardsville, Ill.
 Ramsey, Robert W.....Lebanon, Mo.
 Randolph, Robert D.....Chicago, Ill.
 Raney, Frank O.....Springfield, Mo.
 Ransom, J. C.....Fairdealing, Mo.
 Real, Robert R.....Scott A.F.B., Ill.
 Reed, Ronald C.....Kirksville, Mo.
 Reichert, Charles H.....Brunswick, Mo.
 Reid, Edwin D.....Kirkwood, Mo.
 Reuss, Lloyd E.....Lenzburg, Ill.
 Rhodes, H. Eugene.....O'Fallon, Ill.
 Rice, Paul.....Waynesville, Mo.
 Ridenhour, Billy R.....St. James, Mo.
 Ridinger, James J.....Protem, Mo.
 Ringer, Marvin W.....Bonne Terre, Mo.
 Rising, Richard G.....Sapulpa, Okla.
 Roberts, Donald P.....Chester, Ill.
 Roberts, Ronald J.....Ellenville, N. Y.
 Robino, Antonio P.....Crystal City, Mo.
 Rollins, John W.....Rolla, Mo.
 Ross, David G.....Dexter, Mo.
 Roth, Donald J.....Kirkwood, Mo.
 Roush, Philip S.....Springfield, Mo.
 Sabo, William J.....Langley, A.F.B., Va.
 Sale, Charles J.....Hillsboro, Ill.
 Saultz, James E.....Belton, Mo.
 Saunders, Wallace R.....St. Louis, Mo.
 Schaefferkoetter, Donald L.....Rolla, Mo.
 Schaefer, Harold R.....St. James, Mo.
 Scharf, Joel S.....Hewlett, N. Y.
 Scheibe, Stanley C.....Manassas, N. J.
 Schelich, Ardell J.....Washington, Mo.
 Schrumpt, Dale A.....Perryville, Mo.
 Schwartz, Robert E.....Springfield, Mo.
 Schwartzburt, Allen H.....St. Louis, Mo.
 Segelhorst, Alfred E.....Beaufort, Mo.
 Seibel, Lowell G.....St. Louis, Mo.
 Selby, Robert W.....Port Crane, N. Y.
 Senior, George L.....Rolla, Mo.
 Shea, James W.....Kirkwood, Mo.
 Shirack, Robert J.....Alton, Ill.
 Sindler, Kenneth J.....Waynesville, Mo.
 Singer, Paul A.....St. Louis, Mo.
 Siron, Gerald A.....Sedalia, Mo.
 Smith, Dale G.....Sweet Springs, Mo.
 Smith, James R.....Hannibal, Mo.
 Smith, Lucy M.....Rolla, Mo.
 Smith, Roy T.....St. Louis, Mo.
 Smith, Thomas D.....Mt. Vernon, Mo.
 Snook, Donald F.....St. James, Mo.
 Sonn, George F.....Manahawkin, N. J.
 Speer, Robert J.....Park Ridge, Ill.
 Spees, Derl D.....Rosiclare, Ill.
 Spittler, Herbert L.....North Evans, N. Y.
 Standley, Doyle.....Bolivar, Mo.

Stanford, Charles O.....Flora, Ill.
 Steele, John S.....Summit, N. J.
 Steinbruegge, Harold A.....Affton, Mo.
 Stewart, Jack D.....Rolla, Mo.
 Stokes, William J.....Springfield, Mo.
 Stoll, Joe A.....Rolla, Mo.
 Strube, Eugene G.....St. Louis, Mo.
 Stuesse, James F.....Washington, Mo.
 Suddath, Jim.....Desloge, Mo.
 Swanson, Karl R.....Brooklyn, N. Y.
 Tanquary, Clifford C.....Grandview, Mo.
 Tapp, Ernest G.....Poplar Bluff, Mo.
 Tate, Archie T.....St. Louis, Mo.
 Tellefsen, Edward A.....Staten Island, N. Y.
 Thornton, Trevor E.....St. Louis, Mo.
 Tice, Eugene H.....Webster Groves, Mo.
 Tingley, Theodore E.....Vermont, Ill.
 Tolivar, Jack E.....Independence, Mo.
 Tomazi, George D.....Jennings, Mo.
 Totten, Darrell L.....Shelbina, Mo.
 Trautmann, John F.....Springfield, Ill.
 Tuberty, Lawrence J.....St. Louis, Mo.
 Tucker, Darrell L.....Harrisburg, Ill.
 Tucker, Thomas L.....Sullivan, Mo.
 Turpin, Donald K.....Bolivar, Mo.
 Tuttle, Clair J.....Bridgeport, Ill.
 Uline, Clark C.....St. Louis, Mo.
 Underwood, Donald E.....Rolla, Mo.
 Underwood, Everett E.....St. James, Mo.
 Vineyard, Bobby L.....Desloge, Mo.
 Wacaser, John D.....Kansas City, Kans.
 Wade, Roger L.....Granite City, Ill.
 Wagner, John C.....St. Louis, Mo.
 Wagner, Richard V.....Shrewsbury, Mo.
 Walpole, James A.....Kennett, Mo.
 Ward, Frederick J.....Leavenworth, Kans.
 Warneck, Edwin L.....Rolla, Mo.
 Watwood, James E.....Auxvasse, Mo.
 Webb, Jerry J.....Springfield, Mo.
 Webb, Robert B.....Kansas City, Mo.
 Wege, Russell E.....Scotia, N. Y.
 Wentz, Charles A.....Edwardsville, Ill.
 West, Kenneth L.....Salem, Mo.
 Westerfield, Gerald S.....McLean, Ill.
 Wheeler, Ruede M.....Houston, Tex.
 White, Harold G.....Grandview, Mo.
 Wiemken, Carl F.....Marion, Ill.
 Wiggs, Guy L.....Sparta, Ill.
 Williams, Don E.....North Little Rock, Ark.
 Williams, Donald W.....Hoopeston, Ill.
 Williams, Rex C.....Webster Groves, Mo.
 Williams, Russell E.....Branson, Mo.
 Wilson, Tommy S.....Lee's Summit, Mo.
 Winfrey, Garland.....Rolla, Mo.
 Winn, Leon D.....Rolla, Mo.
 Wisdom, Kenneth B.....Cantwell, Mo.
 Wofford, James J.....Salem, Mo.
 Wollgast, Roy C.....St. Louis, Mo.
 Woltjen, Duane W.....Florissant, Mo.
 Wolverton, Joe H.....St. Louis, Mo.
 Wood, Patricia.....Rolla, Mo.
 Woodard, William R.....Joplin, Mo.
 Woodham, Milton E.....Malden, Mo.
 Wright, James G.....Overland, Mo.
 Wright, Robert L.....Mexico, Mo.
 Zahner, Herbert W.....St. Louis, Mo.
 Zdanis, William R.....Newington, Conn.
 Zimmerman, Richard A.....Springfield, Mass.
 Zook, Raymond D.....Kansas City, Mo.

"Responsibility educates" . . . Wendell Phillips.

THE extracurricular activities at M.S.M. serve a multiple purpose. Besides helping to keep the student abreast of the newest developments in his particular field, and acquainting him with the leaders in his profession, these following organizations help to develop the leadership characteristics so vital to the engineer. Yes, responsibility truly educates, and each of the officers of the following organizations has a great responsibility.

Surely education is one of the most positive indications of progress.

ACTIVITIES



Progress in Extra-Curric



ular Activities at M. S. M.

Miner Board



OFFICERS

Editor in Chief.....	Daniel Groteke
Business Manager.....	Donald R. Bogue
Managing Editor.....	Joseph Lesyna
Associate Editor.....	Paul R. Douglas
Sports Editor.....	Thomas V. Bruns
Advertising Manager.....	Wm. L. McMorris
Circulation Manager.....	Wm. A. Gartland
Feature Editors.....	{ Morton L. Mullens G. V. Sancianco
Exchange Editor.....	James L. Elswick
Secretary.....	Raymond Stewart

THIS year marks the fortieth anniversary of publication for the Missouri Miner, a campus paper that may truly be called the student's own. When the first edition, in magazine form, appeared on the campus in 1914, student reception and interest proved so favorable that it was continued to its present evolution as a weekly newspaper. Previous to 1914 another magazine, called the Notebook, was put out at irregular intervals as an independent effort to furnish the students with news of campus happenings. The students also contributed to the Argus of the University of Missouri, which was, at that time, the official paper.

The present-day Miner acts as a medium of news, information, and entertainment. As in the past, it has been used by those students



*The staff.
Dan, the man.
Check, and double check.*

*Proof reading.
Making proofs.
Well, we did it again!*

interested in writing as a means of self-expression. Those who work on the paper gain valuable training in publication, business administration, and advertising.

A successful attempt was made this year to give a more complete coverage of all departmental, organization, and national news of interest to the student body. Active interest and an ability to work together made this year's officers and large staff one of the most effective in accomplishing their aims in recent years. A special faculty advisory committee, appointed by Dean Wilson at the Editor's request, gave breadth of coverage and information concerning departmental research and projects.

Sports were well covered, and the sport page, as usual, proved to be one of the most popular

sections of the paper. The activities of the school's varsity teams, as well as the intramural events, received considerable focus in the Miner.

Two special editions were published by this year's staff: the St. Pat's edition and an April Fool's paper. The St. Pat's edition covered the social functions and featured pictures and articles on St. Pat, his Queen, and her Court of Love and Beauty. The second special edition proved somewhat surprising to the unsuspecting reader upon his first glance.

The 1953-54 Miner staff deserves honest congratulations by the student body for a job well done. We are sure future years will hold many more years as successful as the one that has just passed.

Miner Board



FIRST ROW: Hampel, Bruns, Sancianco, Mullins, Groteke, Lesyna, Elswick, Gartland, Douglass, Stewart. SECOND ROW: Mudd, LeBrun, Burns, Barnds, Tice, Almstedt, Kozeny, Chapman, Rudolph, Wentz, Olsen, Hanss. THIRD ROW: Tuberty, Bieser, Shea, Real, Burgess, Henninger, Feldmiller, Volker, Pfaff, Smid. FOURTH ROW: O'Keefe, Burlbaw, Hanss, Groppe, Heumann, Baechle, Hoffmann, Heavlin, Goedel, Oefelein.



FIRST ROW: LeBrun, Pfaff, Paladin, Rudolph, Hollocher, Helm, Gerard, Bieser, Hanss, Goeddel. SECOND ROW: Hampel, Smid, Tuberty, Mullins, Almstedt, Kebel, Shepard, Barns, Schejbal, Chapman, Eiswick. THIRD ROW: Mudd, Groppe, Shea, Real, Oefelein, Hanss, Kozeny, Wentz, Burgess, Burlbaw, Hoffmann, Baechle. FOURTH ROW: Lesyna, Hubeli, Groteke, Tice, O'Keefe, Heumann, Olsen, Burns, Gartland, Godsey, Douglass, Lockridge.

Rollamo Board

OFFICERS

Editor in Chief.....	Ralph Hollocher
Business Manager.....	Raymond Skubic
Literary Editor.....	Allen Rudolph
Associate Editor.....	Raymond Pfaff
Organizations Editor.....	Frank Paladin
Classes Editor.....	Robert Hanss
Sports Editor.....	James Gerard
Staff Photographer.....	Gunther Helm
Secretary.....	Louis LeBrun

THE actual production of a school annual is a job that cannot be undertaken lightly. To the editor and the men on the staff, the publication of a yearbook represents the compiling of mountains of material with all its accompanying loopholes and headaches. To gather all this material, such as group and class pictures, write-ups, etc., there is involved many long hours of hard work and diligent research.



Whether or not the venture succeeds depends upon the editor and his selection of a staff. The editor and business manager very carefully selected the remainder of the staff, considering the experience and ability of the man to see his job through.

Frank Paladin was chosen Organizations Editor, to make contracts for organization pages and aid in the layout of the book. Allen Rudolph, who was the chief assistant to last year's Literary Editor, was chosen for the job himself this year, and given a chance to put his experience to work. He and his staff edited all the copy well before the deadlines. It can be seen here that having a man like Al around takes much of the burden off the shoulders of the

Rollamo Board

editor. The sports section was compiled under the direction of Jim Gerard, who was also a veteran of the senior staff, having served as Classes Editor last year. The Classes Editor this year, Bob Hanss, had the mountainous task of securing portraits of the students in the junior and senior classes, and the activities of each of the seniors, and coordinating these with their pictures. Louis LeBrun, the secretary of the board, assisted Bob by typing all his material, in addition to keeping the minutes of the meetings. Ray Pfaff, the Associate Editor, assisted the editor in many ways such as proof reading, cutting stencils, printing notices, and compiling faculty copy.

The editor of the 1954 Rollamo, Ralph Hollocher, had the job of coordinating the work of all his capable assistants, as well as planning the layout of each of the pages and carrying through the theme. To Ray Skubic, the business manager, went the tremendous task of keeping this publication out of the red. Without the help of Gunther Helm, the staff photographer, the 1954 Rollamo could not have been a success. The quantity of photographs supplied by him was more than ample, and the quality of his work was the best of any of the Rollamo photographers of the past. The staff of the 1955 Rollamo will find Gunther a hard man to replace.

Now that the book has been published, and the work of this staff is through, it is their sincere hope that they have accomplished what was intended: an annual which will be a constant reminder of your college days spent at the Missouri School of Mines.

*The staff. It's taking shape.
Page planning. "Mr. Flash Bulb, '54.
Al and the monster. It has to fit!
"The Ox" at work?
What shall we call this one?*



A. S. M. E.

OFFICERS

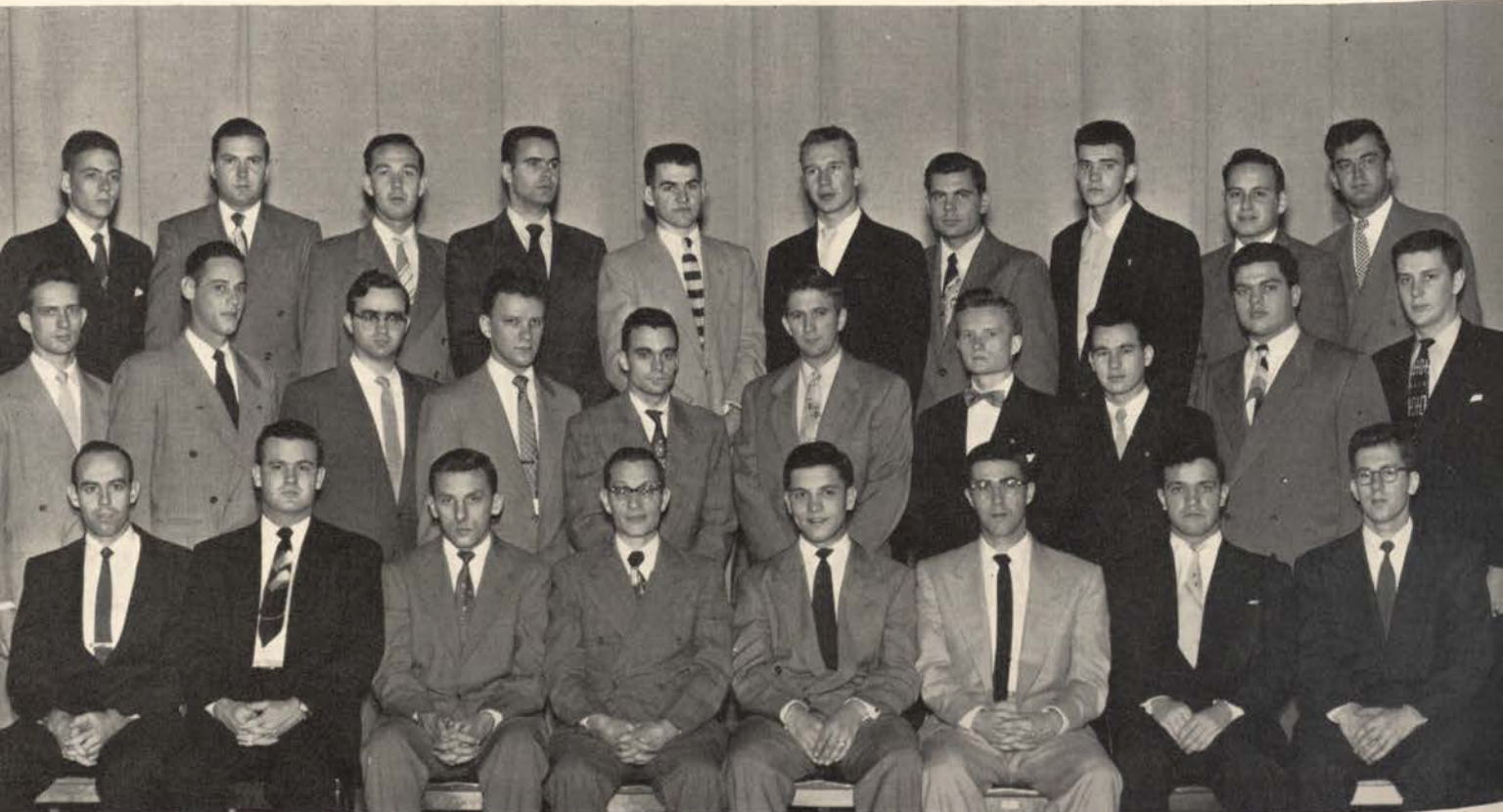
President.....	Donald R. Boleski
Vice-President.....	Sidney Cole
Secretary.....	William E. Sipe
Treasurer.....	Kenneth Bunte
Faculty Advisor.....	Prof. E. C. Chase



FIRST ROW: Bunte, Boleski, Chase. SECOND ROW: Sipe, Cole.

THE American Society of Mechanical Engineers is the professional society both for students and for graduates in mechanical engineering. The principal objectives of the A.S.M.E. are to broaden the student's acquaintance with the practical side of M.E., to keep him informed about engineering progress, to familiarize him with the procedure and organization of learned societies, and to enable him to establish fraternal contact with his fellow students in engineering.

FIRST ROW: Bunte, Sipe, Boleski, Chase, Smid, Dowell, Baebler, Miller. SECOND ROW: Nyman, Schaefferkoetter, Summitt, Schejbal, Davis, Kolb, Matz, Berkbighler, Schildmyer, Fitzwater. THIRD ROW: Glenn, Warren, Kahre, Paladin, Miles, Oefelein, Wasinger, Tuberty, Pillisch, Maddox.



A. I. Ch. E.

OFFICERS

President.....	Bob Van Duyne
Vice-President.....	Charles Barkley
Secretary.....	Bob Riegel
Treasurer.....	Leroy Gockenbach
Faculty Advisor.....	Dr. F. H. Conrad

THE American Institute of Chemical Engineers was granted a student chapter charter at M.S.M. in 1939. The society has expanded since its founding in 1923 and at present there are nearly one hundred chapters in the National A.I.Ch.E. The local chapter provides opportunities for professional development to students majoring in Chemical Engineering. Through lectures, movies, and discussions, the members gain ability to apply current education toward industry.



VanDuyne, Riegel.

FIRST ROW: Schulte, Gockenbach, Kickham, VanDuyne, Riegel, Chastain. SECOND ROW: Jones, Rayyis, McGregor, D. Puyear, R. Puyear, Beecher, Schneider. THIRD ROW: Yiannos, Dorris, Riley, Moeller, Hoffstetter, Henninger, Folk, Collier, Brawley.



American Society For Metals



Stevens, Groteke, Haber.

OFFICERS

President.....Tony Selvaggi
 Vice-President.....Richard Stevens
 Secretary.....Daniel Groteke
 Treasurer.....Don Haber
 Faculty Advisor.....Dr. D. S. Eppelsheimer

THE American Society for Metals, a national organization for the development of the arts and sciences connected with the manufacturing and treatment of metals, established a chapter at M.S.M. in 1937. The main purpose of the local chapter is to unite the students with a common interest and to provide the student with direct contact during the monthly meeting with the men in industry, so that the student may know what to expect in later years when he is out in industry.

FIRST ROW: Ponciroli, Groteke, Selvaggi, Stevens, McQuie, Bruns. SECOND ROW: Humphrey, Bieling, Nauert, Fuhrmeister, Hubeli, Tellywelly, Burgess, Hollocher. THIRD ROW: Gidley, Becker, Faulkner, McBrayer, Tellefsen, Tucker, Newcomer, Newman.



American Ceramic Society

OFFICERS

PresidentGene Haertling
 Vice-President.....Richard Hampel
 SecretaryEllis Smith
 Treasurer.....Richard Gotsch
 Faculty Advisor.....Charles E. Shulze

THE Missouri School of Mines student branch of the American Ceramic Society was organized in 1937. Previously this group had been a local club known as the "Orton Society". All students taking courses leading to a degree in Ceramics are eligible for membership in the society. The purpose of the organization is to unite the students both socially and professionally and to promote science and engineering as they relate to ceramics and its allied industries.



FIRST ROW: Haertling, Gotsch. SECOND ROW: Hampel, Shulze, Smith.

FIRST ROW: Gotsch, Shulze, Haertling, Hampel. SECOND ROW: Seibel, Smith, Hermann, Gruver, Mohanty. THIRD ROW: R. Smith, Wilkes, Haubein, Willis, Lo, Carini.



Tau Beta Pi



OFFICERS

President.....	James K. Highfill
Vice-President	Lyle Shields
Recording Secretary.....	Fred J. Campen
Corresponding Secretary.....	C. Scott Johnson
Treasurer.....	Sidney J. Cole

Chief brain-power.



Pledge smoker.



FIRST ROW: Dowell, Shields, Gudermuth, Highfill, Campen, Johnson, Swearingen, Volker. SECOND ROW: Feldmiller, Borgard, Hoffman, Amundson, Goeddel, Dixon, Owens. THIRD ROW: Sancianco, Steiner, Jones, Ashley, Faulkner, Neumann, Rethmeyer, Miles. FOURTH ROW: Hollocher, Stump, Geisler, McMullin, Fuller, VanDuyne, Riegel, Vondrasek, Reynolds.

THE Tau Beta Pi association was founded in 1885 at Lehigh University. The purpose of the association is to award distinction to those who have brought honor to their school by distinguished scholarship and exemplary character as undergraduates, or by their attain-

ments as alumni in the field of engineering.

The Missouri Beta Chapter, founded on this campus in 1906, annually chooses its members from the outstanding men in the upper one-eighth of the junior class, and the upper one-fifth of the senior class.

A. S. C. E.

OFFICERS

President.....Harold E. Rabe
 Vice-President.....James A. Gerard
 Secretary.....Morris G. Southall
 Treasurer.....Joseph Krispin
 Faculty Advisor.....Prof. E. W. Carlton

Big civils.



Meet your profs.



FIRST ROW: Rabe, Lincoln, Plache, Butler, Eshbaugh, Muir, Gerard, Jolly, Helm, Lamb. SECOND ROW: Southall, Penzel, Camenzind, K. Cole, Thompson, Highfill, Stewart, Goeddel, Shea, Conci, Roberts, Owens, Mahoney. THIRD ROW: B. Cole, S. Thompson, Elswick, Best, McCarthy, Ilter, Baker, Scott, Bellman, Berg, Randolph, Chillik, Parker, Allmeyer. FOURTH ROW: Anderson, Hercules, Walsh, Humphries, Patterson, Jones, Ferrill, Rethmeyer, Riemenschnitter, Marlow, Held, Godzwon, Heavlin.

THE Missouri School of Mines student chapter of the American Society of Civil Engineers has been very active in promoting interest and increasing the knowledge of its members by inviting outstanding professional men from all branches of civil engineering as

featured speakers at their regular meetings. In this manner, the members are acquainted with modern engineering practices.

Outstanding events for this year include the Mid-American Conference in May at Kansas University and the annual spring outing.

American Foundrymen's Society



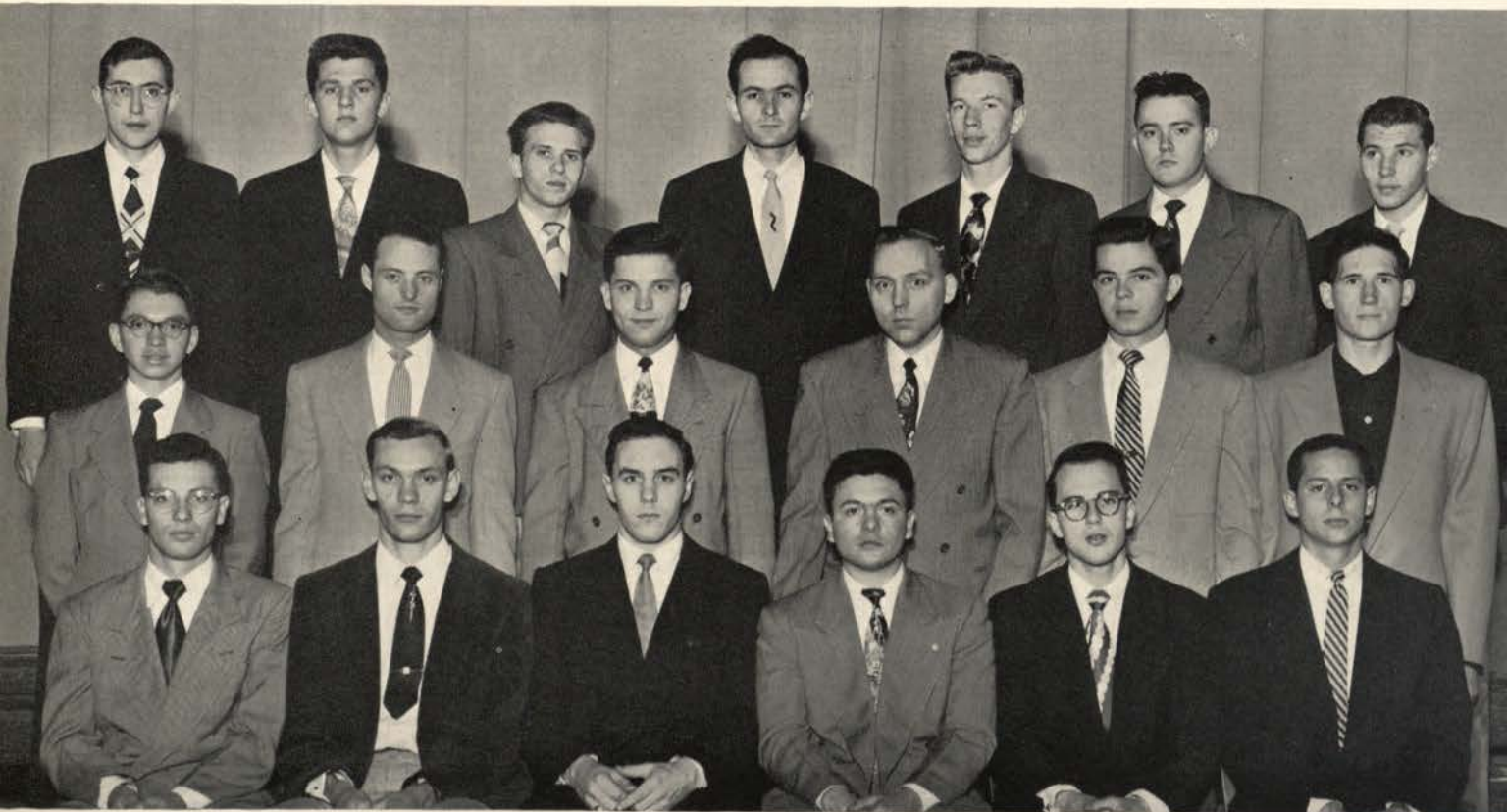
FIRST ROW: Groteke, Hollocher, Selvaggi. SECOND ROW: Hubeli, Tellefsen, Skaggs.

OFFICERS

Chairman.....	Ralph Hollocher
Vice-Chairman.....	Daniel Groteke
Secretary-Treasurer.....	James Hubeli
Faculty Advisor.....	Dr. D. S. Eppelsheimer

THE M.S.M. student chapter of the American Foundrymen's Society has been organized approximately six years and it was the second student chapter to be granted a charter. Monthly meetings are held at which noted speakers discuss various phases of the industry. Due to competent supervision by Dr. Eppelsheimer, very efficient officers, and cooperating members, the local chapter has furthered the knowledge of its members on the common everyday problems of the foundry.

FIRST ROW: Humphrey, Groteke, Hollocher, Selvaggi, Hubeli, Bruns. SECOND ROW: Gidley, Stevens, Smid, Fuhrmeister, Burgess, Haber. THIRD ROW: McQuie, Neumann, Becker, McBrayer, R. Tellefsen, Tucker, E. Tellefsen.



Society of Automotive Engineers

OFFICERS

President	Judson Hughes
Vice-President.....	Herbert Pillisch
Treasurer.....	Richard T. Larsen
Secretary.....	Milton Smid
Faculty Advisor.....	C. R. Remington

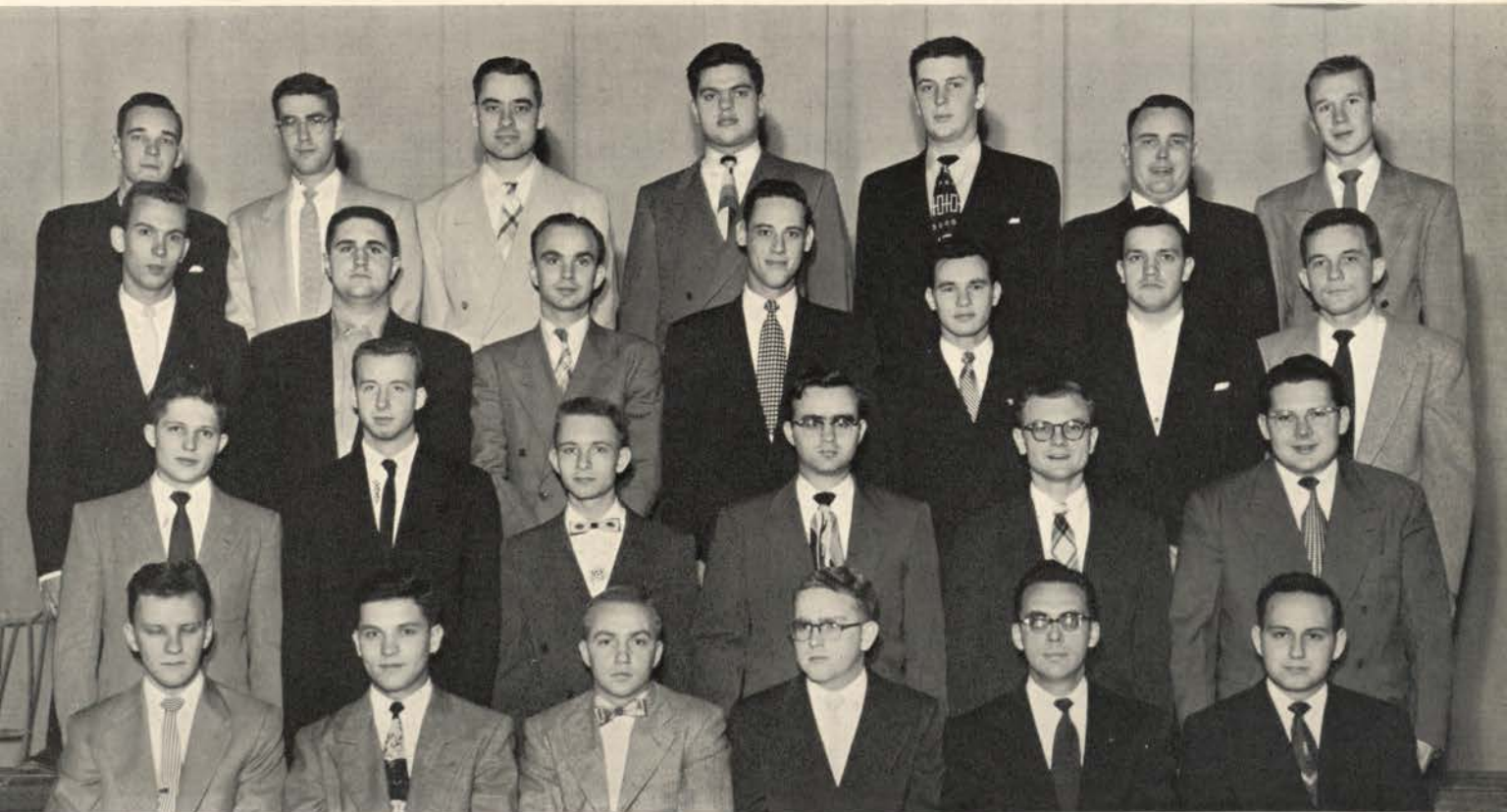
THE student branch of the Society of Automotive Engineers was organized on the M.S.M. campus just two years ago. The members are primarily made up of Mechanical Engineers and any students who have an interest in the automotive field. The S.A.E. works in conjunction with the American Society of Mechanical Engineers.

The S.A.E. has many functions and group projects. One particular function consists of trips to automobile plants and corporations.



Smid, Larson, Hughes, Remington.

FIRST ROW: Schejbal, Smid, Larson, Hughes, Remington, Pillisch. SECOND ROW: Oetting, Heinrich, Eberle, Summitt, Lesyna, Aceto. THIRD ROW: Bentrup, Matteson, Scofield, Schaefferkoetter, Berkbigler, Baebler, Hannauer. FOURTH ROW: Amundson, Dowell, Parish, Shildmyer, Fitzwater, Hayes, Osefelein.





FIRST ROW: Neal, Burns, Striegl. SECOND ROW: Nagy, Nolte, Swearingen.

OFFICERS

Chairman.....	Fred Burns
Vice-Chairman	Conrad Neal
I.R.E. Secretary.....	Jerry Swearingen
A.I.E.E. Secretary.....	Miklos Nagy
Faculty Advisors.....	{ Mr. J. W. Rittenhouse { Mr. R. E. Nolte

A. I. E. E. - I. R. E.

THE joint student branch of the American Institute of Electrical Engineers and the Institute of Radio Engineers offers the students an opportunity to keep abreast of the current developments in the field of Electrical Engineering. In addition, various non-technical subjects are presented as an aid in developing the student's general knowledge. To accomplish its objectives, the group sponsors talks by men in industry, field trips, and informal discussions on various topics. On the social side, the group holds an outing and a banquet each spring.

The organization also fosters individual expression by having its members submit papers on electrical topics on a national competitive basis. National recognition and prizes are the possible rewards in these contests.

FIRST ROW: Spann, Lovett, Nolte, Neal, Burns, Striegl, Barnds, Swearingen, Mullins, Casteel. SECOND ROW: Barlow, Kaiser, Barylski, Gessley, Rand, Miklos, Oefelein, Olsen, Tice, Kozeny, Bess, Reynolds, Poe. THIRD ROW: Hatzikyriakos, Mills, Steffan, Kollmeyer, Schneider, Longshore, Mason, Porter, Schejbal, Hygh, Tuberty, Suhre, Rathbun. FOURTH ROW: Sanner, Soellner, Lynch, Baechle, Burlbaw, Mudd, Stone, Roethes, Lockridge, Dillard, Bieser, Korn.



Petroleum Club

THE Petroleum Club is an organization composed of students in Petroleum Engineering and any related curricula here on the Missouri Mines campus. The club, one of the newer organizations on the campus, was organized just four short years ago. It was founded with the intention of bringing the petroleum students more closely together through lectures by well-known speakers, movies, and social events.

The club, being originated in the Mining Department, works in close conjunction with the A.I.M.E. by supplying a program twice a year for the parent organization. Activities for the year consist of two outings, one in the spring and the other in the fall, which are consistently the source of much merrymaking for the petroleum students.



Shields, Feldmiller, Volker.

OFFICERS

President	William Feldmiller
Vice-President.....	Vernon D. Volker
Secretary-Treasurer.....	Lyle H. Shields

FIRST ROW: Pfaff, Shields, Feldmiller, Volker, B. Smith, Gudermuth. SECOND ROW: Werder, Baruch, Winchester, Ashley, Jurenka, Miller, Chaslain. THIRD ROW: Grosso, Krieg, Berg, Powell, Godsey, Lindsey.



Eta Kappa Nu Fraternity



FIRST ROW: Reeg, Poe. SECOND ROW: Jenner, Nolte, Striegl.

OFFICERS

President.....	Charles Poe
Vice-President	Richard Reeg
Corresponding Secretary.....	Henry Striegl
Treasurer.....	Kenneth Jenner
Faculty Advisor.....	R. E. Nolte

THE Gamma Theta Chapter of Eta Kappa Nu was founded at M.S.M. in 1952. While the qualifications for membership distinctly stimulate and reward high scholarship, Eta Kappa Nu has a far broader purpose than merely to award a badge of distinction. As conceived by its founders and as carried forward by its membership during more than two generations, its aim is to assist its members throughout their lives in becoming better men in their profession and better citizens.



FIRST ROW: Striegl, Poe, Swearingen, Reynolds. SECOND ROW: Kaiser, Gessley, Nolte, Burns, Barnds, Barylski, Reeg.



Chí Epsilon Fraternity

OFFICERS

President.....Morris G. Southall
 Vice-President.....William F. Geisler
 Secretary.....Thomas Rex Fowler
 Treasurer.....Robert E. Owens
 Faculty Advisor.....E. W. Carlton

CHI EPSILON is a national honorary Civil Engineering fraternity and was founded on the M.S.M. campus in the fall of 1949. It was organized to recognize basic technical ability and high moral character in the prospective engineer. In keeping with this objective, membership is limited to juniors and seniors who are in the top third of their class.

The principal project of the year is the maintenance of an alumni directory of all the graduates of the Civil Engineering Department.



FIRST ROW: Rethmeyer, Southall, Geisler. SECOND ROW: Allmeyer, Eshbaugh, Owens.

FIRST ROW: Southall, Butler, Eshbaugh, Muir, Owens, Geisler. SECOND ROW: Thompson, Scott, Best, Rethmeyer, Allmeyer, Helm, Gerard. THIRD ROW: Carroll, DeLarm, Jones, Highfill, Rabe, Goeddel, Roberts, Jclly.



Glee Club

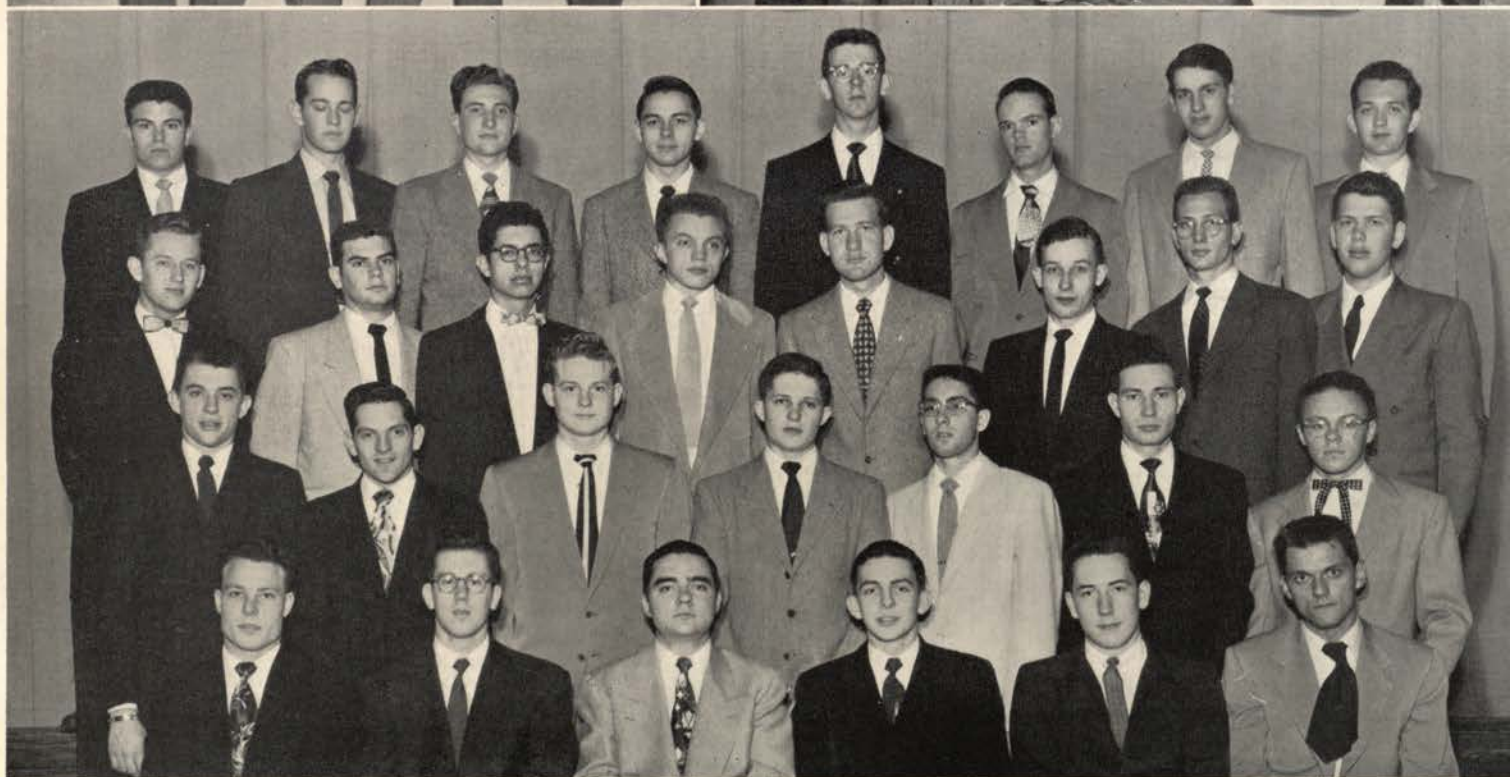


OFFICERS

President.....	Roy Chastain
Vice-President.....	Donald Gessley
Secretary.....	Ronald Hess
Faculty Advisor.....	John M. Brewer

"High C's"

Practice makes perfect.



FIRST ROW: Moss, Miller, Gessley, Chastain, Mason, Lamb. SECOND ROW: Meyer, McGregor, Rand, Oetting, Murphy, Nauert, Kaufmann. THIRD ROW: McFarland, Smith, Seibel, Kosfeld, Bunch, Holmbeck, Weiler, Barnes. FOURTH ROW: Hermann, Fowlkes, Reichert, Beecher, Givens, Griffith, Wentz, Wollgast.

THE Missouri School of Mines Glee Club, under the direction of Professor John Brewer, has seen one of its most successful years. Under his able direction, the Glee Club developed into a small but skilled voice group. The Glee Club's primary purpose is to foster

music appreciation; but the group combines this with social enjoyment as well. The year's activities include; singing at the school convocation programs, and trips to girls' colleges such as Lindenwood College, Stephens College, and Ursuline College.

OFFICERS

PresidentWilliam Stewart
 Vice-President.....Wayne R. Broaddus
 Treasurer.....John Miles
 SecretaryCharles Weitzel



"M" Club

Top athletes.

Faster!!



FIRST ROW: Powell, McCarthy, Hampel, Weitzel, Gerard, O'Brien, Boleski, Reynolds. SECOND ROW: Johnson, Summers, Broaddus, Riemenschneider, Reeg, Wright, Fitzgerald, J. Cole, McCoy. THIRD ROW: Padan, Neal, Morris, Roth, Moe, Anderson, Miles, Crutcher, Huffman, Brentz. FOURTH ROW: Krispin, Humphrey, Murphy, Roerman, Cruse, Millar, Shildmyer, Stewart, Smith.

THE "M" Club is an athletic organization comprised exclusively of those men who have lettered in one of the varsity sports. The object of the club is to promote better sportsmanship and finer fellowship. It also strives to stimulate intramural competition. Annually an

award is given to the outstanding intramural athlete of the year. The basis of this award is leadership, sportsmanship, athletic ability, and cooperation with teammates. An award is also given to the outstanding varsity athlete of the month on the same basis.



Planje, Anderson, Haertling, Smith.

OFFICERS

President.....	James Wilkes
Vice-President.....	Gene Haertling
Secretary.....	Wing Sheuk Lo
Treasurer.....	David Anderson
Faculty Advisor.....	Dr. T. J. Planje

Keramos Fraternity

KERAMOS, an honorary fraternity, was established at Missouri School of Mines to provide a professional fraternity open to all outstanding students in the Ceramic Department. It was organized to promote and emphasize scholarship and character in the thoughts of ceramic students.

The members of Missouri Chapter, ably guided by Dr. Paul G. Herold, have been active in promoting interest in ceramic art, technology, and engineering. Every year the organization presents awards to the outstanding junior and senior in the Ceramic Engineering Department. The chapter also maintains a large map showing the location and current employer of all the Department alumni. In the Ceramic Building, Keramos provides upkeep for display cases of ceramic products and materials.

FIRST ROW: Shulze, Wilkes, Haertling, Lo. SECOND ROW: Smith, Gruver, Hampel, Mohanty. THIRD ROW: Gotsch, Haubein, Willis, Carini.



Phi Kappa Phi

PHI KAPPA PHI is a national scholastic honor society founded in 1897 for the purpose of recognizing outstanding scholarship. Its chapters strive to encourage and emphasize scholarship and character by offering membership to seniors who are eligible under the by-laws of the organization.

The Missouri School of Mines Chapter elects seniors who have maintained a grade point average of 2.00 or better, but they may not elect more than 10 per cent of the class. Phi Kappa Phi maintains an active student loan fund, and it awards the Phi Kappa Phi Book Plate to each student with a 2.00 grade point average, or better, for the academic year. The society also grants graduate scholarships to graduating seniors.



Fletcher, Thompson, Senne, Jensen.

OFFICERS

President.....	Joseph H. Senne
Vice-President.....	Homer F. Thompson
Journal Correspondent.....	H. R. Fletcher
Secretary-Treasurer	W. J. Jensen

FIRST ROW: Eshbaugh, Jensen, Senne. SECOND ROW: McMullin, Gudermuth, Highfill, Fuller. THIRD ROW: Johnson, Jones, Butler, Campen, Gevecker.



Blue Key Fraternity



OFFICERS

President.....	John B. Miles
Vice-President.....	Charles Weitzel
Secretary-Treasurer	John Padan
Corresponding Secretary.....	Thomas Bruns
Faculty Advisor.....	J. A. Steinmeyer

The Officers.



Going ape over a telephone book.



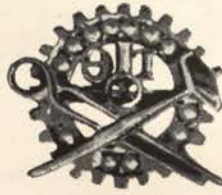
FIRST ROW: Lincoln, Dowell, Weitzel, Miles, Feldmiller, Gerard, Volker, Bruns. SECOND ROW: Plache, Elswick, Fuller, Franklin, Stevens, Bogue, Amundson, Borgard. THIRD ROW: Hollocher, Crutcher, Hightill, Humphrey, Ashley, Burgess, Smid, Ponciroli, Pfaff. FOURTH ROW: McCarthy, Padan, Summers, Hopler, Goeddel, Helm, Jenner.

BLUE KEY is an honor fraternity founded at the University of Florida in 1924. Since that time, it has expanded to over a hundred campuses all over America. The Missouri Mines Chapter was established on March 22, 1933. Being a service organization, Blue Key

fulfills its motto, "Serving I Live", by publishing a student directory each year and by providing guides for school functions such as Parent's Day and Homecoming. Blue Key chooses new members on a basis of character, scholarship, student activity, and service.

OFFICERS

Regent	Gunther Helm
Vice-Regent.....	Richard Cruse
Scribe	John Miles
Treasurer	John Padan
Corresponding Secretary.....	Fred C. Smith
Faculty Advisor.....	Prof. J. B. Butler



Theta Tau Fraternity

Top Gears.



Dan's death trap.



FIRST ROW: Hollocher, Padan, Jolly, Groteke, Butler, Hampel, Gerard, Fuller, Helm, Feldmiller. SECOND ROW: Williamson, Smith, Stevens, Morris, Reeg, O'Brien, Smid, Cruse, Oefelein. THIRD ROW: Ponciroli, Humphrey, Baebler, Stewart, Hopler, Ashley, Burgess, Miles, Goeddel, Krispin, Elswick.

THETA TAU, a professional engineering fraternity, was founded in 1904 at the University of Minnesota. The Iota Chapter was founded at M.S.M. in 1916. Since that time it has continued to be one of the outstanding organizations on the campus. Alumni members

of Iota Chapter have a fine industrial record. Theta Tau's objective is to integrate the engineer into everyday society. In addition to this, it strives to further the interests of engineering. Its members are chosen from the outstanding upper-classmen.

Sigma Gamma Epsilon



FIRST ROW: Vondrasek, Andersen, Campen. SECOND ROW: Higgs, Sancianco, Dotson.



OFFICERS

President.....	Robert W. Andersen
Vice-President.....	Albert F. Vondrasek
Corresponding Secretary.....	Fred J. Campen
Secretary-Treasurer.....	Generoso V. Sancianco
Faculty Advisor.....	Jay C. Dotson

SIGMA GAMMA EPSILON, the national honorary scholastic fraternity of the earth sciences, was reactivated on the M.S.M. campus just a few years ago. The object of the organization is to further the development of mutual interests between students of geology, mining, metallurgy, ceramics, and petroleum. Sigma Gamma Epsilon aims to develop high moral, scholastic, and professional attainments in its members and to encourage cordial relationship between students and the faculty.

FIRST ROW: Sancianco, Vondrasek, Andersen, Campen, Higgs, Volker. SECOND ROW: Bailey, Shields, Haubold, Keller, Brockmann, Tangri, Gudermuth, Smith.



Alpha Chi Sigma

OFFICERS

Master Alchemist.....Robert H. Towell
 Vice Alchemist.....Alfred Moeller
 Reporter.....Samuel Barco
 Recorder.....William Chastain
 Treasurer.....Philip Corneli
 Faculty Advisor.....Dr. William Webb

ALPHA CHI SIGMA is a national professional chemical fraternity which was founded in 1902 at the University of Wisconsin. The M.S.M. group, known as the Beta Delta Chapter, was begun in 1937. A pledge class is initiated each semester and the chapter holds regular meetings semi-monthly.

The fraternity's objectives are to bind its members in lasting friendship, to strive for the advancement of chemistry, and to aid its members in making professional contacts.



FIRST ROW: Holiday, Millar, Egan, Towell. SECOND ROW: Puyear, VanDuyne, Puyear.



FIRST ROW: Egan, Chastain, Barco, Towell, Corneli, Moeller. SECOND ROW: Beecher, D. Puyear, R. Puyear, Zamudio, Holiday, Kornfeld. THIRD ROW: Gockenbach, Riley, Stump, Brawley, VanDuyne, Kickham, Douglass. FOURTH ROW: Millar, Jones, Damerval, Fussell, Schulte, Yiannos.





*Top dogs.
Tell 'em, Tom.*

Student Council



OFFICERS

President.....	Robert Hoffmann
Vice-President.....	Marlin F. Krieg
Secretary	Arthur Baebler
Treasurer	Glenn Borgard
Faculty Advisor.....	Prof. S. H. Lloyd

THE Student Council is a body made up of representatives from the fraternity and independent organizations, with equal voting privileges for each group. It is the purpose of the Student Council to stimulate school spirit, to exercise a general supervision over all student activities, and to act as an official contact between the students and the faculty.

Class elections are handled by the Council, along with other functions, including admission of new organizations on the campus and assistance in Red Cross blood drives. One of the noteworthy accomplishments of the Council, this year, was the purchase of a new scoreboard and time clock for the gym.

FIRST ROW: Crutcher, Borgard, Hoffmann, Krieg, Baebler, Swearingen. SECOND ROW: McCarthy, Stevens, Miklos, Haber. THIRD ROW: Ellis, Hollocher, Pifer, Paladin, Gulotta.



Interfraternity Council

OFFICERS

President.....Alan B. Burgess
Vice-President.....Thomas V. Bruns
Secretary-Treasurer.....Shay D. Huffman
Faculty Advisor.....Karl M. Moulder



THE Interfraternity Council at the Missouri School of Mines is composed of twenty-four members, representing the twelve social fraternities on the campus. Each chapter elects a new member each year to serve the first year as a junior member and the second as a senior member. It is the duty of the Council to interpret regulations and to maintain close harmony and cooperation among the fraternities.

The I.F.C. sponsors the Interfraternity Bridge and Chess Tournaments, the I.F.C. Sing and a Homecoming Decorations contest. The Council also awards a Scholarship Trophy to the fraternity with the highest scholastic average.



*Head Greeks.
Bowling champs, '53.*

FIRST ROW: Hubeli, Burgess, Bruns, Duerr. SECOND ROW: Moser, Ashley, Broadus, Mullins, Hesse, Noll.



University Dames



Head wives.

OFFICERS

President	Margaret Casler
Vice-President.....	Martha Lou Patterson
Recording Secretary.....	Darlene Mangnall
Corresponding Secretary.....	Phyllis Ellis
Treasurer.....	Mary Jeanne Neumann

IN 1941, the student wives on the campus organized the local chapter of University Dames, a collegiate organization which strives to promote a spirit of friendliness, furnish means of entertainment, and stimulate general culture among its members. In order to give its members a greater variety of activities, the University Dames organized groups to study dramatics, singing, handicraft, bridge, and many types of outdoor sports. Interest in student activities is exemplified by their entrance of a float during St. Pat's.

FIRST ROW: Murphy, Walther, Mangnall, Casler, Patterson, Nuemann. SECOND ROW: Scott, Wright, Christopher, Rabe, Southall, Parker, Shields. THIRD ROW: Anderson, Sabus, Wilkes, Williams, Webb, Stewart, Trust, Best. FOURTH ROW: Schaeffer, koetter, Weisbrod, Hygh, Berkbigler, Fuhrmeister, Coffee, Johnson, Neely, Picker.



Sigma Pi Sigma

OFFICERS

PresidentPaul Dixon
 Vice-PresidentM. Breazeale
 Secretary.....C. S. Johnson
 TreasurerScott Porter

SIGMA PI SIGMA was organized to award distinction to students having high scholarship and promise of achievement in physics and closely related subjects, and to encourage a professional spirit and friendship among those who have a marked ability in physics.



Top Newton men.

FIRST ROW: Bessey, Choate, Dixon, Johnson. SECOND ROW: Mullen, Tangri, Hewett, McMullin, Mann. THIRD ROW: Nolte, Jensen, Sickafus, Piehler.





*St. Pat's directors.
We can only afford one.*

St. Pat's Board



OFFICERS

PresidentConrad Neal
SecretaryJohn Padcn
TreasurerTerry Godsey

IN 1930, the St. Pat's Board was established on our campus to govern the arrangements of the St. Pat's celebration, the biggest social event on the M.S.M. calendar. The Board is composed of two men from each fraternity and four men from the Independents.

The annual St. Pat's celebration, in honor of the Engineers' Patron Saint, is an event which has become the climax of the school year for every loyal Miner. This year, Ralph Flanagan provided the music for the four-day extravaganza and Miss June Lange was selected as Queen for the festival. A parade of gaily decorated floats, knighting ceremonies, a formal ball, and a costume ball rounded out the holiday activities.

FIRST ROW: Godsey, Neal, Emling, Gerard. SECOND ROW: Swearingen, Franklin, Hopler, Krieg, Smay. THIRD ROW: Peck, Canady, Dowell, Newcomer, Nothstine, Wolf.



Alpha Phi Omega

OFFICERS

President.....Robert Oetting
1st Vice-President.....Kenneth Mann
2nd Vice-President.....Milton Smid
Secretary.....David Thompson
Treasurer.....Peter Gerard



THE Beta Omicron Chapter of Alpha Phi Omega, a national service fraternity, was granted a charter in March, 1939. Alpha Phi Omega consists of men who have been active in scouting at some time and have average scholastic ability.

A.P.O. has a four-fold program which consists of; service to the student body and faculty, service to youth and the community, service to members of the fraternity, and service to the nation as participating citizens.

The local chapter provides guides for Parent's Day and promotes the "Keep off the grass" campaign. They also furnish the campus with desk size blotters, motor pool, student lounge, and book exchange.



*Big scouts.
Relaxing in the lounge.*

FIRST ROW: Stolte, Pfifer, Mann, Eshbaugh, Oetting, Weisler. SECOND ROW: Gerard, Lane, Becker, Wentz, Schramm, Murphy. THIRD ROW: Mueller, Morris, Anderson, Penzel, Newcomer, Winchester. FOURTH ROW: Brawley, Fulkerson, Holmbeck, Poncirolli, Parish, Patterson, Hanss, Shepard.





Runvik, Andersen, Dotson, Campen.

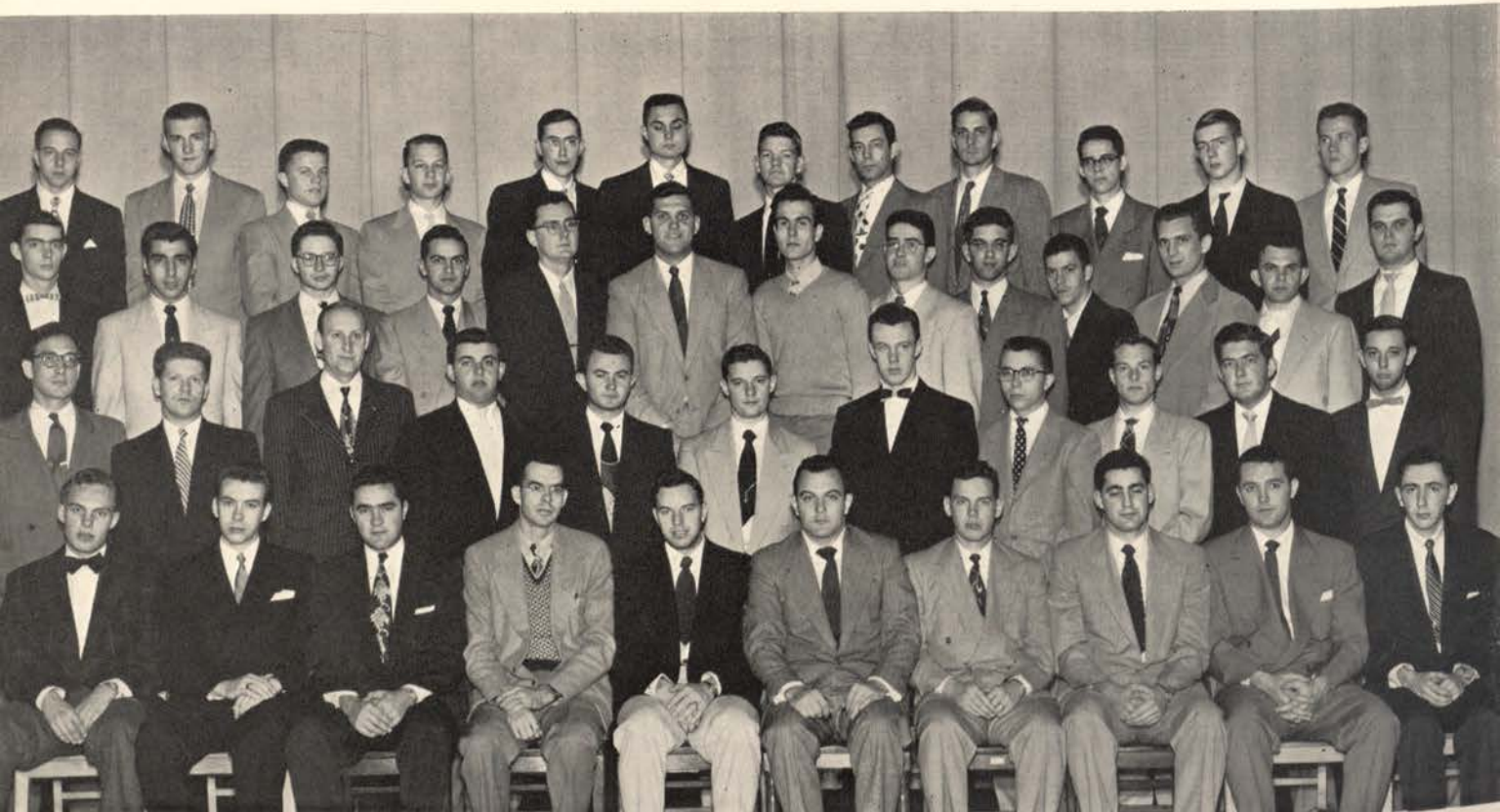
A. I. M. E.

THE Student Chapter of the American Institute of Mining and Metallurgical Engineers was founded on the Missouri School of Mines campus to advance the knowledge of the mining and mineral industry among its members, to promote a greater interest in these professions, and to bring the students into closer relationships with industry. To accomplish these aims, the A.I.M.E. invites to its monthly meeting many prominent members of the mining industry. These men present the latest developments in their field and attempt to answer the numerous questions which are of interest to the members of the organization. Motion pictures relating to the many phases of mining are also shown at the meetings.

OFFICERS

President.....Fred J. Campen
 Vice-President.....Robert W. Anderson
 Secretary.....Richard Runvik
 Treasurer.....John A. Moritz
 Faculty Advisor.....W. A. Vine

FIRST ROW: Pifer, Anderson, Fuller, Dotson, Campen, Runvik, Ramsey, Winchester, Pfaff, Berger. SECOND ROW: Sonewald, Banks, Shields, Grosso, Miller, Gudermuth, Kebel, Shepard, Stolte, Cooksey, Emery. THIRD ROW: Godsey, Zarzavatjian, Padan, Emling, Hopler, Ashley, Rickey, Crutcher, Schaffner, Clare, Finley, Volker, Bischoff. FOURTH ROW: Bieling, Evans, Powell, Williamson, McQuie, Henson, Lowell, Lindsey, Weidman, Ellis, Hanss, Rose.



Independents

THE Independents were recognized as a campus organization in 1933 to represent men not affiliated with the social fraternities in social activities, student government, and student affairs.

All non-fraternity men are considered Independents and are thereby eligible to join the Independent organization and have a voice in campus activities. The Student Council and St. Pat's Board have representatives elected from the Independent organization.

The social interests of the Independent students are furthered by this organization with the annual "Independents Outing" in the spring and an Open House Party following the formal dance during the St. Pat's holidays.

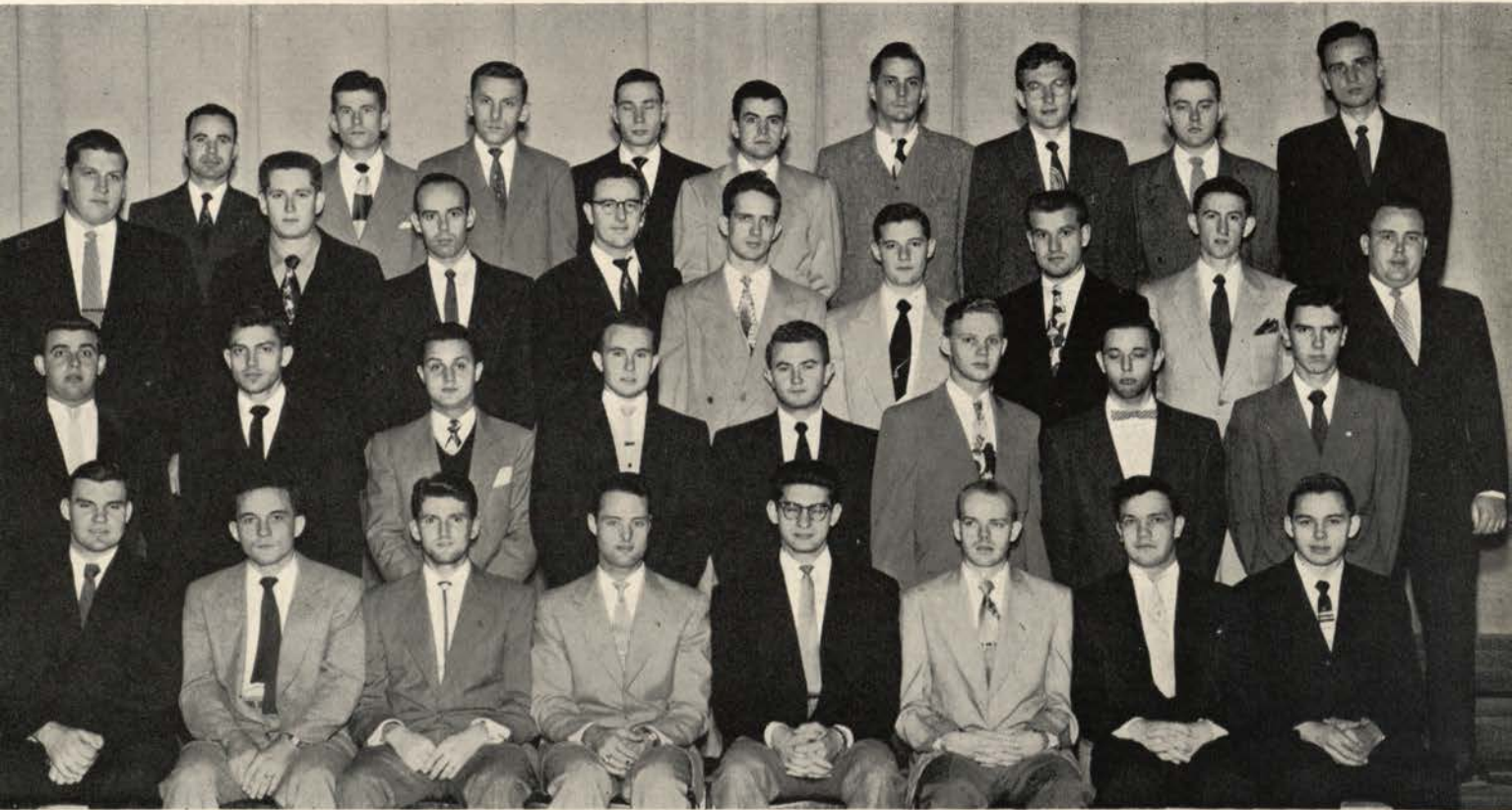


Hannauer, Conci, Stevens, Ponciroli.

OFFICERS

President.....	Frank Conci
Vice-President.....	Richard Stevens
Secretary.....	Kenneth Ponciroli
Treasurer	Joseph Hannauer

FIRST ROW: McCarthy, Hannauer, Conci, Stevens, Ponciroli, Swearingen, Baebler, Beecher. SECOND ROW: Grosso, Krieg, Miklos, Newcomer, Miller, Frakes, Emery, Schneider. THIRD ROW: Mullen, McMullin, Bunte, Berger, Nyman, Gudermuth, Koirtyohann, Wiggs, Hayes. FOURTH ROW: Ilter, Camenzind, Boleski, Nauert, Henderson, Carpenter, Tucker, Kornfeld.





The Officers.

OFFICERS

President.....	James W. Stump
1st Vice-President.....	Richard Kaiser
2nd Vice-President.....	William McGregor
3rd Vice-President.....	Percey Crecelius
Secretary.....	Edward Sickafus
Treasurer.....	Robert Oetting
Faculty Advisor.....	Dr. A. J. Miles

Baptist Student Union

THE Baptist Student Union was organized on the Missouri School of Mines campus during the summer of 1947 with the object of linking the student with the church, and promoting fellowship and Christian entertainment among students. The only requirement for membership is that the student be enrolled in one unit organization in the local Baptist Church.

Regular meetings of the group are held featuring speakers who provide the members with varied interesting information; and similarly, the group strives to sponsor group outings and activities for its members' relaxation and enjoyment. Among the B.S.U.'s activities, are the state convention, spring banquet, pre-school retreat, and a spring retreat.

FIRST ROW: Oetting, Rev. Carlisle, Stump, Caurson, McGregor, Sickafus. SECOND ROW: Chastain, Storment, Feese, Kaiser, Totten, Carroll. THIRD ROW: Mullen, Reeves, Rand, Jones, Crecelius, Bunch. FOURTH ROW: Standley, Fulkerson, Martin, Givens, McKellar.



Gamma Delta



GAMMA DELTA is an international association of Lutheran students founded in 1934 at Chicago, Illinois. The Alpha Phi Chapter was established on the Missouri School of Mines campus on February 4, 1945.

The local chapter's primary objectives are to promote fellowship within the school and between other colleges and universities, to help the members increase their Christian knowledge, and to serve the church and the community. To promote these objectives, it carries on a program of religious, educational and social activities. Various service projects, such as providing spending money for the orphaned children, are undertaken during the year.



Schramm, Hoertling, Eberle, Egan.

OFFICERS

President.....	Allen R. Eberle
Vice-President.....	Gene Haertling
Secretary.....	Gaylord L. Meyers
Corresponding Secretary.....	Ray J. Peters
Treasurer.....	William A. Schramm
Faculty Advisor.....	Rev. Wm. J. Friederichs

FIRST ROW: Smith, Kosfeld, Egan, Haertling, Seibel, Schneider. SECOND ROW: Schramm, Meyer, Berg, Thornton, J. Haber, D. Haber, Geidel. THIRD ROW: Weber, Hermann, Kollmeyer, Bellman, Moeller, Weiler, Wollgast. FOURTH ROW: Grebing, Jost, Haubein, Hoffstetter, Schaffner, Wolf, Piehler, Schildmyer.



M. S. M. Dormitory

THE M.S.M. Dormitory, owned and operated by the Missouri School of Mines, is a fire-proof, four-story structure located near the main campus. This modern dormitory, which is capable of housing one hundred and seventy students, was completed in the summer of 1950

FIRST ROW: Lynch, Bodicky, Myers, Rand, Matz, Beecher, Jones, Carr. SECOND ROW: Woltjen, Werder, Folk, Fulkerson, McKellar, Totten, Pavlak, Wege. THIRD ROW: Ransom, Gessley, Miller, Swanson, Miller, Zimmermann, Keamalmeyer, Moser, Kuhne. FOURTH ROW: Siron, Foster, Fowikes, Summitt, Mills, Schmidt, Jackson, Thompson, Woodham.



FIRST ROW: Humphrey, Kolb, Smith, Gruenwald, Frakes, Bischoff. SECOND ROW: Kenagy, Weisler, Wood, Roje, Schultz, Crecelius, Roethe, Emery, Godsy.

Dorm "A"

and opened to the student body at the beginning of the 1950 fall semester.

In the school's intramural program there has been an active participation by the dorm. The ever increasing spirit of the dorm is shown by the caliber of its intramural teams, especially football and basketball.

M. S. M. Band

for special occasions designated by Dean Wilson. Also two concerts are offered.

The band deserves a great deal of credit from the M.S.M. student body for devoting so much of their time to build up their repertoire. They practice one night every week in addition to the



FIRST ROW: Eshbaugh, Ross, Paar, Tucker, Olsen, Lamb. SECOND ROW: Beasley, Casteel, Auld, McFarland, Baruch, Totten. THIRD ROW: Lester, Close, Mason, Brawley, Lewis, Horton, North. FOURTH ROW: Kenagy, Mudd, Weisler, Hughes, Mueller, Godsey, Rathbun, Lindsey.

THE M.S.M.-R.O.T.C. Band is directed by Mr. William Parr and is composed of about thirty members. The band plays for military reviews, for all home football games, and

practice sessions during the regular R.O.T.C. Wednesday drill period, so at this time we would like to extend a hearty "thanks" to Bill Parr and the band for a job well done.

Photo Club

THE Photo Club's main function on this campus is the furthering of interest in amateur photography. In addition to lectures, photo contests, and picture displays, the club maintains a fully equipped dark room for use by its members.

FIRST ROW: Zarzavatjian, Newman, Parish, Wuud, Weisier, Hess. SECOND ROW: Mulherin, Haubold, Schneider, Nebelsick, Leisure, Frazier, Rahman.



FIRST ROW: Musallam, Neuman, T. Nagy, Mohanty, Hake, Tangri, Fard, Alexander. SECOND ROW: Zala, M. Nagy, Hatzikyriakos, Varsos, Ilter, Baumgartner, Leisure, Gratz. THIRD ROW: Haubold, Sen, Sancianco, Gruver, Yiannos, Weisler, Rahman, N. Neumann, Noll.

International Fellowship

THE International Fellowship was organized at M.S.M. in 1949. Its prime objectives are to promote brotherhood and to further fellowship among the students. The main activity each year is a United Nations dinner featuring foreign dishes and entertainment.

Radio Club

THE Radio Club furnishes a means by which amateurs can apply their talents. The E.E.-sponsored club with its 1000-watt station WOEE and other transmitters and receivers was founded in 1931 by a group of students interested in radio.

FIRST ROW: Neal, Nolte, Nordling, Weisler, Crecelius. SECOND ROW: Wagner, Sanner, Coleman, Long, Barnes, Mock, McFarland, Lesyna.



FIRST ROW: Highfill, Smith, E. Borlich, C. Borlich, Munson. SECOND ROW: Jenkins, Eshbaugh, Fuller, Summitt, Hughes. THIRD ROW: M. Hughes, Nordling, Long, Johnson, Coleman.

Wesley Foundation

WESLEY FOUNDATION is a group, made up mostly of Methodist students. It supplies a source of entertainment and fellowship for its members. Some of its activities include: skating parties, attendance at the Wesley Planning Conference, and a homecoming picnic.

Tech Club

OFFICERS

President.....Jerry Swearingen
 Business Manager.....Paul Dixon
 Treasurer.....Everett Collier
 Board of Control.....Baebler, Fitzgerald, Moss, Queen



FIRST ROW: Dixon, Swearingen, Collier. SECOND ROW: Queen, Baebler, Fitzgerald, Moss.

IN OCTOBER, 1949, a group of students at Missouri School of Mines, feeling the need for more economical meals, organized the Tech Club. The Tech Club is governed by a Board of Control consisting of a president from the senior class, two junior representatives, two sophomore representatives, a business manager, and a secretary-treasurer. The function of the Board is to plan and organize the policy of the Tech Club, to manage it efficiently and economically, and to install necessary improvements. In addition to providing good, nutritious meals at a price within the reach of the student budget, the Tech Club also promotes fellowship and a spirit of close harmony among its members; as well as encouraging interest in

FIRST ROW: Lindsey, Carroll, Priesmeyer, Stump, Wildermuth, Wiggs, Bruce, Hurlbunt, Koirtzmann. SECOND ROW: Queen, McCarthy, Collier, Swearingen, Dixon, Fitzgerald, Baebler, Moss, Johnson, Leisure. THIRD ROW: Segelhorst, Nebelsick, Henderson, Hess, Grosso, Krieg, Miklos, Hannauer, Hayes, McFarland, Johnson, Chastain, M. Nagy, Rethmeyer, Lewis. FOURTH ROW: Meador, Becker, Stewart, Brawley, Nauert, Stevens, Mullen, Berger, Wyman, Lane, Stormont, Ramsey, North, Sickafus, Vondrasek. FIFTH ROW: Steiner, Gieseke, O'Neal, Ilter, Feese, Camenzind, Boleski, Summers, Carpenter, Tucker, Barnes, Kornfeld, Graham, Selby, DeLarm.



What's the big news?

Sleep much?



Caught in the act.

Mmmm, good!



school athletics, activities, and intramural sports. Membership to the club is obtained by application only, subject to the approval of the Board of Control.

Being well represented in most campus organizations the Tech Club has taken its place among the leaders in intramural sports, being a perennial contender for the all-sports crown. The success of this program lies in the competitive spirit of the club which shows itself whenever a Tech Club team takes the field in intramural competition.

Socially, Tech Club supports the St. Pat's

Tech Club

celebration by entering a float in the annual St. Pat's Parade and supporting the various school social functions.

This year in the intramural race, Tech Club is very much in the running for the championship, having won cross country, handball, and swimming, and at the time this edition is going to press, they are very close to Pi K A in the overall race.

Engineer's Club

OFFICERS

PresidentBill Sipe
 Business Manager.....Charles E. Miller
 Secretary-TreasurerParker Bennett
 Board of Control.....Newcomer, Ponciroli, Hammond, Enslow

THE Engineer's Club, the oldest cooperative club on the M.S.M. campus, has a two-fold purpose. First, it serves as an eating establishment where wholesome and appetizing meals can be obtained at a reasonable price. Second, it promotes better student relations by inducing its members to support and participate in student organizations and activities. In recognition of the second purpose of the club, the organization encourages its members to engage in intramural and varsity sports. Although such activities are not mandatory, the Engineer's Club believes that the development of a spirit of competition and good fellowship are prime prerequisites in preparation for the "outside world".



FIRST ROW: Miller, Sipe, Newcomer. SECOND ROW: Enslow, Hammond Ponciroli.

FIRST ROW: Hart, Enslow, Newcomer, Hammond, Sipe, Miller, Ponciroli, Sanner, Kaiser, Steffan. SECOND ROW: Highfill, Reeves, Owen, Gudermuth, Munson, Reynolds, Randolph, Baumgartner, Davis, Frazier. THIRD ROW: Kolb, Poe, West, Davis, Hatzikyriakos, Weidman, Langston, Gillham, Geil, Baker, Ringer. FOURTH ROW: Hercules, Bunch, Hespen, Perkins, Rickey, McMullin, McCreary, Jones, Ferrill, Maddox, Campen, Dechant.



Relax time.

Drink it down.

Looks good.

Ugh! More!

Arrrgh!



Engineer's Club

The club is governed by three officers and a Board of Control, consisting of four members. The officers and members of the Board are elected each year on a basis of their ability in management and general all-around ability, popularity, and active interest in the club. This year's officers, as of those in the past years, have attempted to promote improvement that

they felt necessary, always striving to obtain economy coupled with efficiency. It is apparent the Board of Control has succeeded, in that a new home was acquired for the club a little over a year ago. As in the past, the Engineer's Club has been, and continues to be, one of the top organizations on the M.S.M. campus.

"Experience shows that success is due less to ability than to zeal. The winner is he who gives himself to his work, body and soul" . . .
Charles Buxton.

CLEARLY this is emblematic of the Miner teams, both varsity and intramural. In defeat as well as in victory, their spirit and will to win was apparent. Undoubtedly the most important single thing taught in the athletic program at M.S.M. is sportsmanship.

Yes, the zeal shown by the Miner athletes is a tribute to their sportsmanship, and their sportsmanship a tribute to their progress.

S P O R T S



P r o g r e s s í n S p



o r t s a t M. S. M.



Jackling Gymnasium



GALE BULLMAN
Department Chairman
Associate Professor of Physical Education, 1937, 1949.
A.B., 1925, West Virginia Wesleyan; LL.B., 1929, Washington.

AS DIRECTOR of the Athletic Department, Gale Bullman has done a great deal for athletics at M.S.M. For the past seventeen years he has coached the track and football teams to winning seasons. The Miner football team won their first M.I.A.A. championship under his guidance. Gale's success in coaching and his past records serve as a tribute to a fine man who we are proud to have as head coach.

SINCE coming to M.S.M., Burr Van Nostrand has made a fine record for himself. The job of swimming coach was a new one to Burr, but he proved his ability as the team came through in fine fashion. He deserves a lot of credit for the excellent job that he has done.

Athletic Department

THE Miner basketball team was much improved this year, and a lot of the thanks goes to Dewey A. Allgood. With the return of the entire team Dewey is looking for a promising season next year. This year's fine intramural sports program is also a credit to Dewey, who is director.



ALLGOOD, DEWEY, JR., Instructor in Physical Education, 1950. B.S., 1947, North Dakota State; M.A., 1949, Colorado State.



VAN NOSTRAND, BURR ROGER, Instructor in Physical Education, 1953. B.S., 1942, Southwest Missouri State; M.Ed., 1952, Missouri.



Reeg
Cole

Williams
Gribble

Helm
Gratz

Murphy
Roerman

Moeller
Reimenschnitter

Varsity Football

THE Miners opened their 1953 football season against Pittsburg State Teachers College. On the hot day of September 17, the Miners lost to the Teachers by a score of 26-7. Pete Weitzel was the scorer and Bill Roerman kicked the extra point.

The Miners' next opponent, Washington University, also proved to be a tough team. The Miners outplayed Washington the first half and led, 7 to 6, at the end of the first half. The second half the strong Bears and the hot weather

were too much for the fighting Miners. The final score was 27 to 7. Our only touchdown came early in the first quarter on a long pass from Dick Hampel to Val Gribble. Roerman kicked the extra point.

The Miners lost their third game on a series of bad breaks to Maryville. With a 7 to 6 lead the Miners were penalized on a pass interference play which gave Maryville the ball on our one-yard line. Two plays later Maryville pushed over with the winning touchdown. Our

Whoops!

John, Bill, and teamwork.





Wright
Roth

McCoy
Sale

Jackson
Niemeyer

Brose
Noll

Shildmyer
Herrick

Varsity Football

touchdown was scored by Gribble on a long pass from Hampel. Roerman kicked for the extra point.

The Miners beat Warrensburg, 20 to 0, before a large Homecoming crowd the following week. The defensive game of the Silver and Gold was outstanding, Warrensburg didn't get any farther than our 15-yard line.

With the taste of victory in their mouth from the preceding week, the Miners came on to beat Cape Girardeau. On the warm Parents Day the

Miners recovered a fumbled kick for the winning touchdown. The strong defensive play of the Miners was outstanding. Murphy was the scorer with the only touchdown of the day.

Against Kirksville the Miners controlled the second half of the game but lost, 28 to 20. Roerman and Keith Smith were the touchdown scorers. Roerman also kicked two extra points.

On October the 31st, the Miners fell under the strength of Springfield by losing, 19 to 6.

Shake him, Kieth!

He's away!



Varsity Football



McCarthy
Hammond
K. Smith

Hunter
P. Gerard
Summers

Millar
Stewart
Reynolds

Ralph's got him.

Dick Hampel scored our only touchdown. In spite of the loss, McCarthy and Jim Shildmyer played their best games.

The last game of the season saw the Miners romp over a strong Illinois team. The Miners beat Southern Illinois University by the score of 28 to 7. Keith Smith ran back a 70-yard punt for one of the several touchdowns for the Silver and Gold. The seniors ran away with their great defensive and offensive strength. Those who starred were: Hollis Matteson, Jim Gerard, Joe Cole, Parker Bennett, and Ralph Moeller.

Val Gribble and Keith Smith led the conference in pass receptions with 13 and 10, respectively. Bill Roerman led the conference in scoring with four touchdowns and five conversions for a total of 29 points. The Miners as a team were first in the conference with total yards gained, passing and rushing, with 2140 yards and 1000 yards, respectively.



Somebody stop him!

Varsity Football

The new captains-elect for next year are Pete Weitzel and John McCarthy. They will certainly have a chance to prove themselves because this year's Miner football team is losing 14 active players.

SEASON'S RECORD

MINERS	7	Pittsburg	26
MINERS	7	Washington U.	25
MINERS	6	Maryville.....	12
MINERS	20	Warrensburg	0
MINERS	6	Cape Girardeau	0
MINERS	20	Kirkville	28
MINERS	6	Springfield.....	19
MINERS	8	Southern Ill. U.	7

M.I.A.A. STANDINGS

Team	Won	Lost	Tied
Kirkville.....	5	0	0
Springfield	3	2	0
Maryville	2	2	1
MINERS.....	2	3	0
Cape Girardeau	1	2	2
Warrensburg	0	4	1



*Dead Bear.
Go, Pete!*

Baumgartner
Halburt

Ware
Bennett

Brown
Matteson

Brumley
Weitzel

McGovern
J. Gerard

Feaster
Fitzgerald





Exciting??

Varsity Basketball

ALTHOUGH the Miners at the close of the season finished in the M.I.A.A. cellar and had an over-all record of six wins and thirteen losses, the team had a better year than this record indicates. In every game the Miners were found to be a determined and aggressive team but lacked the necessary height and experience to compete in the fast conference.

The Silver and Gold started the season in a good fashion by winning their first three games from Westminster, Wentworth, and Harris by the scores of 72-62, 77-51, and 72-51, respectively. Led by the scoring of Tom Nicholson, the Miners had little trouble in defeating these non-conference teams.

In a return game with Westminster the Miners were handed their first setback of the season by a score of 47-56. The Miners' second loss was a heartbreaker as they became the victims of Southwestern Tennessee. Throughout the game the score was very close with the Silver and Gold in the lead most of the time. In the last two minutes the Miners lost a six-point lead and the game with the final score

SEASON'S RECORD

MINERS	77	Westminster	62
MINERS	77	Wentworth	51
MINERS	72	Harris.....	51
MINERS	47	Westminster	56
MINERS	71	Southwestern Tennessee	72
MINERS	48	Cape Girardeau	73
MINERS	65	Cape Girardeau	101
MINERS	65	Principia	56
MINERS	50	Washington U.	75
MINERS	57	Warrensburg	66
MINERS	60	Maryville	73
MINERS	55	Kirkville	85
MINERS	85	Harris.....	64
MINERS	66	Kirkville.....	94
MINERS	69	Warrensburg	91
MINERS	56	Washington U.	64
MINERS	56	Springfield	93
MINERS	101	Maryville	96
MINERS	70	Springfield	103

FIRST ROW: Harris, McKinstry, Stoll, Brands, Burgett, Nicholson, Hunnicutt, Singer. SECOND ROW: Koelling, Skubic, Jurenka, Orrick, Miller, Oetting, Edmunds.



Varsity Basketball

being 72-73. The Miners played Cape Girardeau the following night and lost their first conference game, 48-73. In a return game the following week, the strong Cape team trounced the Miners, 65-101, on the Rolla court.

The Silver and Gold went back to a .500 percentage when they traveled to Principia and handed the host team a 65-56 defeat. In their next game the Miners were defeated by Washington U., 50-75. The Bears had an 11-point margin at the end of the first quarter and stayed well out in front throughout the game.

The Miners' next encounter was with Warrensburg at Jackling Gymnasium. Failing to hold a 41-37 lead going into the fourth quarter cost the M.S.M. quintet a victory; in the last quarter the Mules scored 21 points and came out on top, 66-57. While on the road the Miners lost two more conference games to Maryville and Kirksville by the scores of 60-73 and 55-85. The scoring honors for the Miners went to Nicholson in the former game and Hunnicutt in the latter, each having 18 points.

After four straight setbacks the Miners landed



Punch and Dewey.

Final M.I.A.A. Standings

Team	Won	Lost	Pct.	Pts.
Springfield.....	8	2	.800	741
Kirksville	7	3	.700	715
Cape Girardeau	6	4	.600	652
Warrensburg.....	5	5	.500	612
Maryville.....	3	7	.300	675
MINERS	1	9	.100	647

*In or out?
Up!*

*Strategy?
Got it!*

*Battle of centers.
Rebound.*

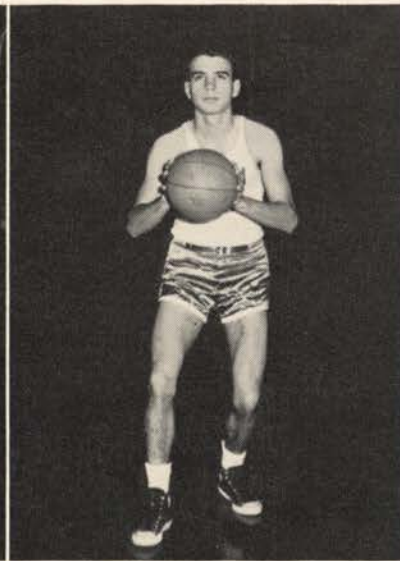


Varsity Basketball

another victory against Harris. Both Nicholson and Orrick had 17 points as the Silver and Gold easy won, 85-64. The Miners lost two more conference games to Kirksville and Warrensburg. In both games the Miners were behind all the

good defense and outscored the Bears in the second half but couldn't overcome Washington's lead. Skubic was high scorer with 16 points.

Returning to conference play the Miners went



Koelling, Guard
Harris, Guard

Orrick, Guard
Helm, Guard

Jurenka, Guard
Burgett, Forward

Brands, Center
Stoll, Center

way, with the final scores being 66-94 and 69-91.

The second game of the season with Washington U. was a close, hard-fought battle, but the Miners ended up on the wrong end of a 56-64 score. The Silver and Gold showed some

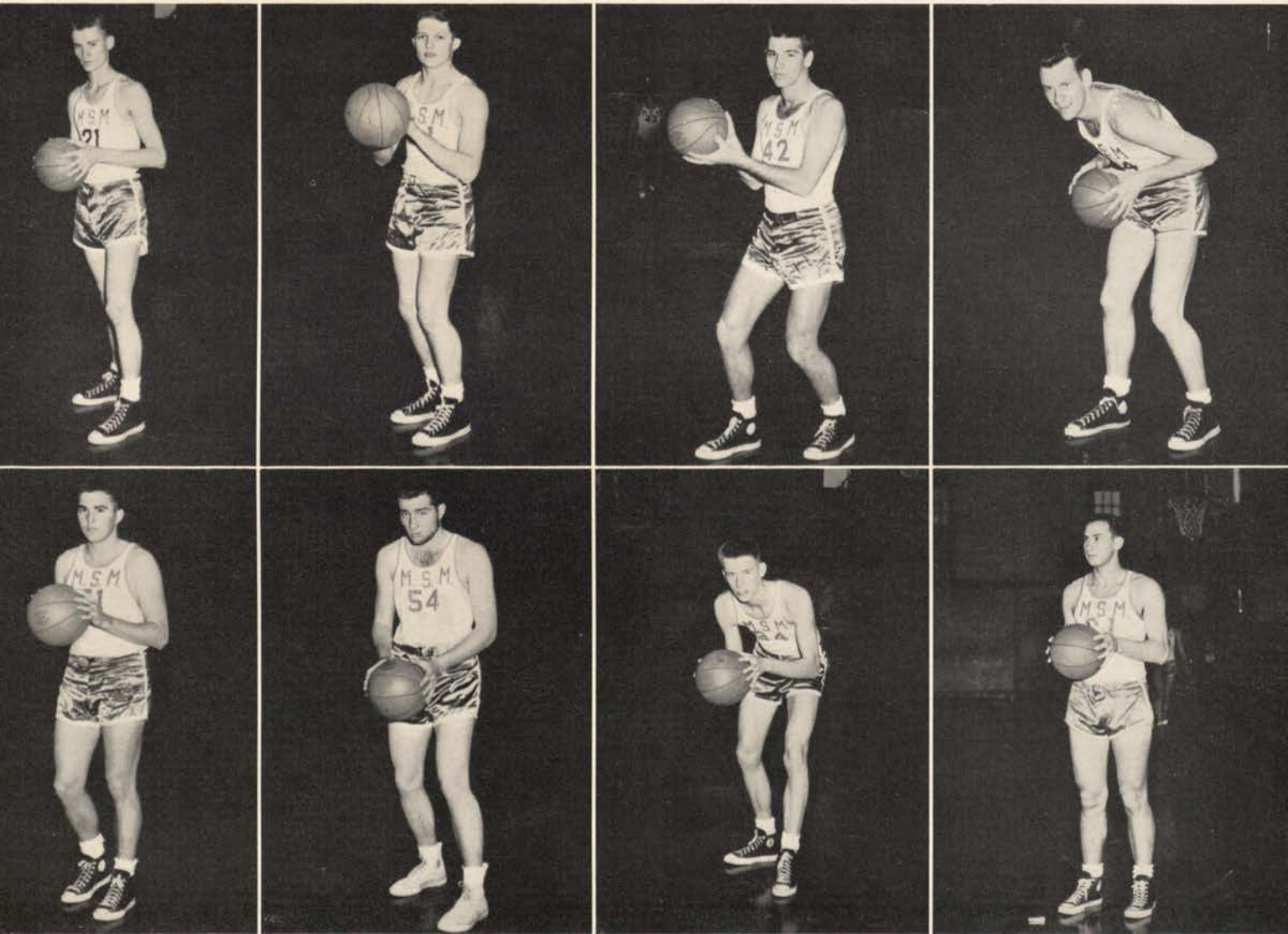
to Springfield, where they lost to the conference champs, 56-93. The Bears' height was too much for the Miners. While playing host to Maryville, the M.S.M. quintet was also playing one of their best games of the year. Wasting no time

Varsity Basketball

in getting started, the Miners scored 31 points in the first quarter. The Silver and Gold continued the hot pace to win, 101-96. Orrick took the scoring honors for the Miners with 28 points, followed by Hunnicutt with 20, Nicholson with

points per game average. This compares to the opposition's average of 70 points per game.

Dennis Hunnicutt received M.I.A.A. Conference laurels and was the Miners' highest scorer with an average of 14.11 points per game.



Nicholson, Forward
Miller, Guard

Oetting, Forward
Edmunds, Forward

Singer, Forward
McKinstry, Forward

Brands, Center
Skubic, Guard

17, and Helm with 16 points. In the Miners' last game of the season Springfield again defeated the Silver and Gold, 70-103.

The Miners scored a total of 1242 points throughout the season of 19 games for a 65.2

Right behind him is Tom Nicholson with an average of 13.7 points per game. With all the lettermen from this year's squad being juniors and freshmen, the Miners should have an improved team next season.

Varsity Track

THE Miners inaugurated the 1953 track season at Columbia, on March 21, by taking fifth place in the M.I.A.A. Indoor Track Meet. A strong Warrensburg team easily out-classed all opposition to cop first place in the meet.

The first dual meet was held in Rolla on March 28. Drury College gave the fleet-footed Miners a battle down to the final wire, but finally succumbed, 69-61. Jack Humphrey led the Miners, garnering a total of 15 points, with Fred Smith right on his heels with 11½ points.

Harris Teachers College proved to be an easy victim on April 4 for the unhospitable Miners, falling by a score of 86.4 to 44.6. Jack Humphrey again took high point honors for the Miners with 11 points.

On April 10, Springfield came to meet the Miners on our own ground. Led by Fred Smith

with 11¼ points, the thinclads of M.S.M. soundly trounced Springfield, 86 2/3 to 43 1/3, to gain their third consecutive win in dual competition.

The next and final victim of the fast-flying Miners of Gale Bullman was Westminster on April 14 on their home cinders. Paced by Humphrey, who placed first in both the high and low hurdles and second in the broad jump, the Miners sped past Westminster, 90-41.

April 21 brought to town Southern Illinois and the Miners' first taste of defeat in dual competition. Outside of Bob Williams, who took his usual first in the 440, and the victorious mile relay team composed of Anderson, Fitzgerald, F. Smith, and Williams, the Miners had a few outstanding entries. When the final cinder had been unturned, the Miners found themselves on the wrong end of a 83 1/3 to 48 2/3 score.

On April 25, the Miners traveled to St. Louis

FIRST ROW: Oetting, Edmunds, LaBouff, Murphy, Fitzgerald, Rose, Humphrey. SECOND ROW: McCarthy, Weitzel, Brentz, Williams, Schmidt, North.



Varsity Track

only to be defeated by Washington University, 84½ to 46½. High point man for the Miners was Jack Humphrey with 11 points.

In their final dual meet of the season, held in Rolla on May 2, the Miners were squeezed out by Kirksville, 72 1/10 to 63 9/10.

The Miners took the role of hosts for the M.I.A.A. Outdoor Conference Meet which was held on May 9. Williams and Anderson were the only Miner entries who managed to take firsts. Williams took a first in the 440 and Anderson took a first in the 880. Warrensburg took top honors for the day while M.S.M. came in fourth.

Jack Humphrey was high point man for the season, scoring a total of 68½ points. The track team elected Bob Williams "Track Man of the Year" for the 1953 season.



<i>Ouch!</i>	<i>Look Ma! No hands!</i>
<i>Not quite.</i>	<i>Take it easy.</i>
<i>Not even close.</i>	<i>Up and over. Go, man!</i>
<i>He made it!</i>	<i>Uugh!</i>
<i>Muscle man.</i>	<i>Evening stroll.</i>

Varsity Swimming



THE 1953-54 swimming team proved to be quite successful despite the fact that eight of the twelve men on the squad were first year swimmers. Of these eight men, six are freshmen. High point man this year was Jack Burnham, while Robert Bruce, a freshman, was not far behind. Bruce came to the School of Mines from Central High School in St. Louis and has proven himself quite an asset to the team.

The Miners began their season with Washington University at St. Louis, where they suffered the first defeat of the season, 54 to 30. The outstanding relay team of Burnham, Padan and Zacher started this meet with their first win and when the season had finished they were yet to be defeated.

The second meet with Kemper Military Academy proved to be the reverse of the first with the Miner tankmen winning by a score of 59 to 21.

The next two meets with Illinois Normal and Wentworth Military Academy gave the Silver and Gold three in a row, with scores of 48 to 36 and 66 to 8.

Washington University were our guests for the next meet and left quite an impression in the form of two new pool records. The Bears' Coffman broke the Individual Medley record with his time of 1:18. The 100-yard Free Style record fell to Rice with a blistering 55.3. The Miners were not be completely outdone as the undefeated relay team broke the school record with a 3:14.6. The Bears went on to win, 54 to 29.

The last two meets with St. Louis University and the University of Louisville ended in defeats for the Miners.

The Tankmen.

Smile!

Go!

Ready . . .

Coming down.

Pretty.

Dig the beard.

Varsity Rifle Team

THE varsity rifle team had one of its poorest seasons of recent years. Four top shooters from last year's crack team were lost via the graduation route. The bulk of this team was made up of Freshmen, many of them getting their first taste of match competition.

Scott Johnson and Ray Williamson, both team veterans, maintained the highest averages during the season. Johnson held an average of 278/300 over the NRA Gallery Course of 10 shots prone, kneeling, and standing. Williamson registered an average of 370/400 over the Army Gallery Course of 10 shots prone, sitting, kneeling, and standing.

Charles Gockel, Scott Johnson, Charles Berger, Tom Lane, and Ray Williamson made up the traveling team, which traveled to the Universities of Nebraska and Illinois for their Invitational Matches. The annual Oklahoma A. and M. trip was dropped in favor of Nebraska. The

team played host to Parks Air College of St. Louis for a shoulder-to-shoulder match in February, with Parks College carrying off the match by a scanty two points. All other matches during the season were Postal Matches with the scores being fired on the home range in the basement of the Military Building.

All firing is done with .22 caliber, rimfire rifles on a fifty-foot range. The team is organized as an NRA Rifle Club so that the team members have the benefits of that organization.

The team was ably coached during this season by M/Sgt. James E. Roeth. This was Sgt. Roeth's second year with the team. M/Sgt. James Howard also assisted the team quite often.

The returning lettermen for the 1955 season will be Tom Lane, Charles Gockel, and Charles Berger.

The Sharpshooters.



Varsity Tennis



THE 1954 M.S.M. Tennis Team coached by Ray Morgan had a season's record of one win, four losses, and one tie. In the M.I.A.A. Conference Tennis Tournament held at Rolla, the Miners finished fourth behind the champion Cape Girardeau team.

Opening their season against Iowa State College, the Miners were defeated by the boys from the Big Seven by a score of 6-1. The following week, Drury journeyed to Rolla and handed the Miners their second defeat by a score of 5-2.

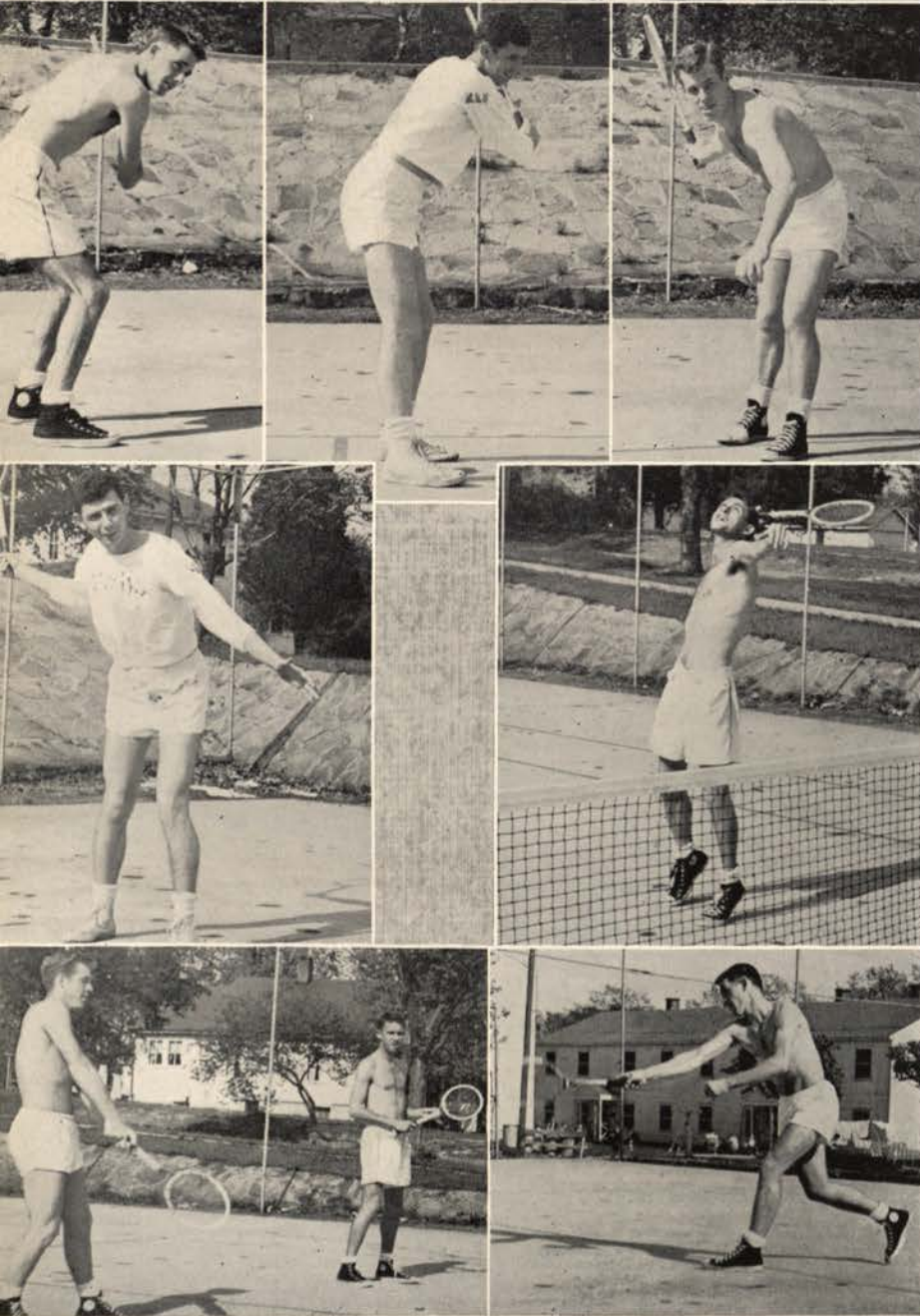
On April 4, the Miners hit their high for the season with a very decisive win over Harris Teachers College. Playing on the local courts, the Silver and Gold trounced the teachers by an 8-1 score.

Traveling to Carbondale, Illinois, for their first road match of the season, the Miners were edged out by the Salukis from Southern Illinois University. For their next meet, they journeyed to Fulton and came home with a 3-3 tie with Westminster in a match cut short because of rain.

In their last dual meet of the season, the Miners met Washington University on the Bears' courts. The Washington team, composed mostly of ranking St. Louis area players, easily defeated the Miners by a 7-0 score.

The Miners concluded their 1953 season by pulling down fourth place in the conference meet. The Miners scored 7 points as compared to 14 points tallied by the winning Cape Girardeau team.

Letter winners for the season included Don Boleski, Charles Saussele, Joe Gray, John Miles, and George Stoddard. From this quintet, Miles and Saussele will be returning to compose the nucleus of the 1954 team.



Watch it!

Be gentle.

Joe and George.

The Netmen.

Dig that smile.

Don't bite it!

I'll kill it!

Form??

Varsity Golf

ALTHOUGH the 1953 Miner golf team failed to match the record of lop-sided wins which the previous year's squad rang up during the regular season, they accomplished what the 1952 powerhouse had been unable to do; win the all-important M.I.A.A. title meet at Rolla and so become conference champs for 1953.

The opening match of the year was at home and found the Miners coming out second best to a strong Iowa State team which had already played several matches. Drury, however, proved an easy victim to the Lanning, Huffman, Ferber, Crutcher foursome. Ken Lanning fired a record-breaking 62, leading the team to a sweep of the first four places. The following weekend, at Carbondale, Southern Illinois University furnished the opposition with the contest resulting in a 6 to 6 tie. Returning home the next day, the Miners met and defeated Springfield, the contest being finished in a pouring rain, and on April 24 at the Crystal Lake Course in St. Louis played St. Louis University to a 6 to 6 tie. Lanning had a 76 to lead all scorers. The two remaining dual meets were split with the team sweeping Principia at home, 12 to 0, and losing to Westminster, 7½ to 4½ at Fulton.



Shay Huffman

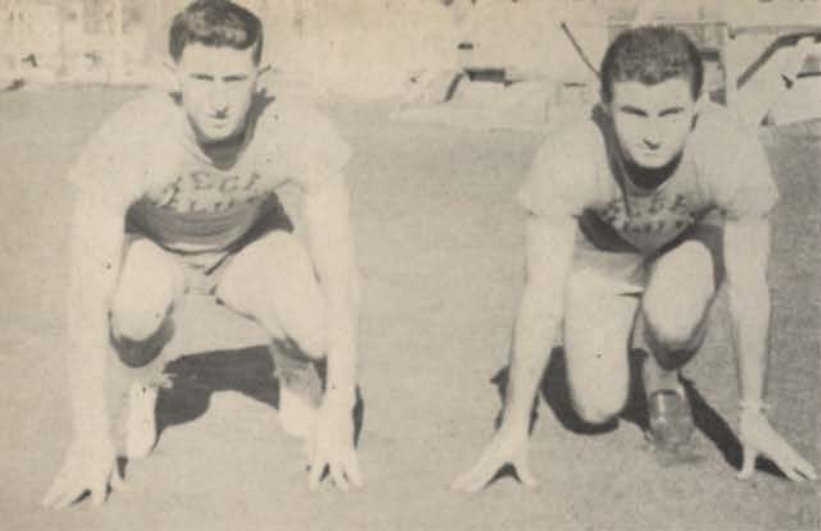
Tom Crutcher



Crutcher, Lanning, Ferber, Huffman.

On May 2 Warrensburg, Springfield, and Cape Girardeau engaged the Miners on their home course in a conference tune-up battle. The results of this match proved a good forecast of the coming meet as Rolla, Warrensburg, and Springfield finished in that order. The home margin of victory was 19 strokes for 18 holes over Warrensburg.

The highlight of the 1953 season was the winning of the conference crown at Rolla on May 8 and 9. With perfect weather favoring the event Kenny Lanning fired rounds of 66 and 68 for a 134 total to break the old record of 137 set by Floyd Watts, another Rolla product, some 15 years earlier. Shay Huffman shot a 68-69 to tie this record. Rolla won the meet by a total team margin of 33 strokes over a good Warrensburg squad which finished second. The Miners thus finished the year with a record of five wins, two ties, and two losses.



Intramural

Intramural Champs

With one of the largest accumulations of points in years, Sigma Nu emerged winner of the 1953 Intramural Championship, and in second position was Pi Kappa Alpha. With firsts in swimming, wrestling, horseshoes, and track and placing high in the other sports, Sigma Nu was able to edge out Pi Kappa Alpha by a slim 55-point margin. Lambda Chi Alpha claimed honors behind Pi Kappa Alpha for third place.

Intramural Athlete

The Intramural Managers selected Harvey Coffee as Intramural Athlete for 1953. Harvey was best known for his abilities in wrestling, although he participated in football, basketball and in softball. In wrestling, Harvey repeated his performance in the 145-pound class by taking first for the third straight year. Harvey's hustle and keen spirit of competition make him a worthy recipient for this year's award.

Intramural Softball

The men from Lambda Chi Alpha brought home the softball trophy by defeating Beta Sigma Psi in a very close game. The contest went into extra innings with Lambda Chi getting a single run to win by the score 7-6. Sigma Nu took third place by defeating Triangle in the loser's bracket.

Intramural Track

With just a few intramural sports left to be played, Sigma Nu gained needed points by taking a first place in track with 29 points. Not far behind was Pi Kappa Alpha with 24 points and Tau Kappa Epsilon with 14½. The only first place for Sigma Nu was taken by Holman in the low hurdles. Pi Kappa Alpha's winners were Pickering in the broad jump and Schneider, who was tied by Jennings from Kappa Alpha, in the discus.

Cross country winners.

We made it!

Handball champs.

Piker football champs.

Sports

Intramural Football

For the second consecutive year, Pi Kappa Alpha came from behind in the losers' bracket to win the intramural touch football championship for 1953. After being beaten earlier in the season by Sigma Nu, the Pikers took the two necessary games from the Snakes to gain the crown. As a result of their losses, Sigma Nu finished the season in second place, while Beta Sigma Psi and Theta Kappa Phi were in third and fourth, respectively.

Intramural Handball

Tech Club, with a second in both the singles and doubles, captured the handball title. Tau Kappa Epsilon was second and Sigma Pi showed in third position. Bill Roerman of Sigma Phi Epsilon was singles champ as he defeated Steve Fitzgerald of Tech Club. The TKE's, Moeller and Orrick, teamed up to defeat Miles and Schmidt from the Tech Club in the doubles match.

Intramural Table Tennis

The men from Beta Sigma Psi literally stole the show as they won both first places in singles and doubles in table tennis. This is the second straight year for Beta Sigma Psi to claim the championship. They were led to victory by last year's winner in singles, Jack Weber, who repeated, and by P. Egan and T. Thornton in the doubles. The runner-up in singles was Schneider of the Independents. R. Davis and D. Schillinger of the Engineers Club teamed up to cop second place. The team standings were Engineers Club second and Pi Kappa Alpha and Theta Kappa Phi tied for third.

Intramural Tennis

The Tech Club swept both the singles and doubles to win the championship in the intramural tennis competition. In a two-way tie for second place was Pi Kappa Alpha and Theta Kappa Phi, last year's winner. In the singles match, Meeks from Tech Club was the victor, while Schaeffer from T.K.P. was the runner-up. Pi Kappa Alpha's doubles team of Pfaff and Spüler were bested by the team of Gephardt and Schmidt, also from Tech Club.

Basketball champs.
Come and get me!
Graceful Mo.
Where's the ball?



Intramural

Intramural Horseshoes

The Sigma Nu's showed their abilities in the "country boy" sport by taking first in horseshoes. This was accomplished without a winner in either the doubles or singles competition. In the runners-up spot was Beta Sigma Psi, while Lambda Chi Alpha placed third. The individual winners in singles were D. Barton from Wesley and W. Smith, runner-up from Tech Club. The doubles team of Getson and Knearem of Kappa Alpha took Tau Kappa Epsilon's Smith and Lester for the championship.

Intramural Golf

Lambda Chi's Grady led the golf team to the 1953 intramural championship. Tech Club and Sigma Pi placed second and third consecutively in the team standings. In a tough contest for individual low medalist, Grady emerged the winner by posting a fine score of 79 for 18 holes.

Intramural Cross Country

In the first competition of the fall semester of 1953, Tech Club took the honors in the Cross Country run. The run was held between halves of the Homecoming game. Guy Wiggs and George Merk from Tech Club took first place. Jerry Zacher and Reiner Haubald ran third and fourth to take the second place in team standings. John Patton from Tau Kappa Epsilon was second behind Merk.

Intramural Basketball

The 1953 intramural basketball play-offs again found Tech Club and Kappa Sigma in the race. Also represented were the teams from Sigma Pi and the M.S.M. Dormitory. This year's results were a little different as Kappa Sigma came through with a victory over Sigma Pi for the championship. This put Sig Pi in second place. In the consolation bracket, Tech Club took their game from the Dorm to cinch third place. The men from the Dorm took fourth. It is pleasing to note that the Dorm is becoming more active in the intramural program.



Grunt and groan champs.
Top pugilists.
Lot of brass here.
Get up, Gene!

Sports

Intramural Swimming

Sigma Nu's chain of four straight swimming championships was snapped this year by the Tech Club. The Sigma Nus did not fall far as they took second. Close behind were Pi Kappa Alpha and Kappa Alpha, who were tied for third. The stand-out performer was Bob Bruce, who won the 60-yard individual medley, 120-yard free style and teamed with Stormont and Brose to win the 120-yard medley relay.

Intramural Boxing

With the coming of the intramural boxing matches, Theta Xi again prepared to defend their crown against all comers. Their defense was completely successful as they outpointed Kappa Sigma and Pi Kappa Alpha, who were second and third. One of the standouts was Gorman Morris from Pi Kappa Alpha; he was the only man to repeat his previous year's performance, again winning the title in the 145-pound class.

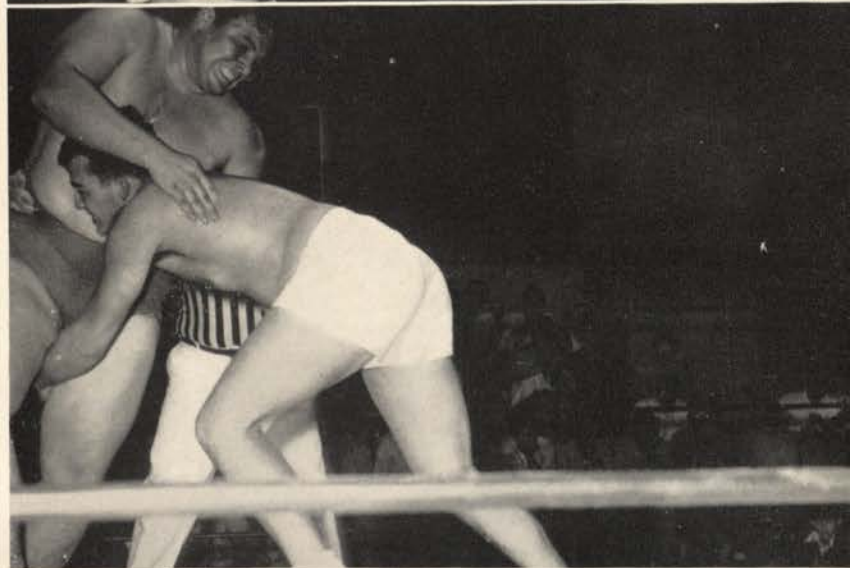
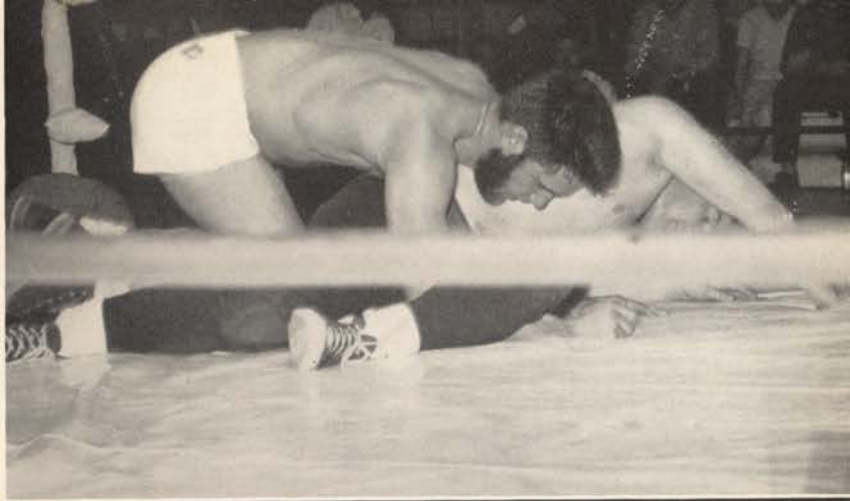
Intramural Wrestling

Sigma Phi Epsilon turned on the power as they wrestled the championship from last year's winner, Sigma Nu. However, Sigma Nu was able to take second, with Pi Kappa Alpha a close third. The Gerard brothers, Pete and Jim, teamed up to take the 155 and heavyweight championships, respectively, for Pi Kappa Alpha.

Intramural Volleyball

The finals for this year's intramural volleyball championship were a stereotype of last year's. Pi Kappa Alpha, who was defeated earlier in the season by Theta Kappa Phi, battled their way past Sigma Nu and into the finals with T.K.P. The outcome of the play-off found Theta Kappa Phi as the victor with Pi Kappa Alpha second. Sigma Nu captured third place with Kappa Sigma taking fourth.

*What now?
Dirty fighter!!
Hold 'im, Ox.
Grrr!*



"Man is a social animal, formed to please and enjoy in society"
... Winchcote.

THE most practical acquisition the student can make in college is the art of getting along with people, and of making people like him. In each of the twelve social fraternities on the M.S.M. campus, where as many as fifty men live together, the student learns this art, and the many fraternity dances and social events, culminated by St. Pat's, aid the Miner in his progress toward social maturity.

S O C I A L



P r o g r e s s i n S o c i



a l L í f e a t M. S. M.

Beta Sigma Psi Fraternity



BETA SIGMA PSI was first established at Champaign, Illinois, in 1920. Five years later the National Fraternity was organized at the University of Illinois under the capable leadership of its original founders. Its primary purpose is to promote a fraternal society for Lutheran students at universities and colleges. Stress is placed upon the religious as well as the scholastic and social aspects of college life.

Eta Chapter was installed on April 17, 1952 and since that time has been making rapid progress in campus activities. It grew out of a somewhat similar organization, Gamma Delta. Both organizations are now serving the Lutheran students on this campus.

The chapter recently acquired a new pastoral advisor, Rev. William Friedrichs of Oklahoma. He was in-

Spring Officers. *Christmas Dance.*
Everybody happy! *Homecoming display.*
Harvest party. *Men of the gridiron.*
Outing. *Pledge class.*

stalled into the local parish on January 10, 1954 and is working actively for the student's spiritual welfare.

Socially, things are none too quiet around the "Ole White House". Many alumni found time to come down for Homecoming, which took place in October. Further on in the fall season were two other rather important events, the Pledge Dance and the annual Snowball Dance.

Beta Sigma Psi Fraternity



FIRST ROW: Weber, Egan, Hartling, Wolf, Moeller, Shildmyer. SECOND ROW: Grebing, Hermann, Seibel, Geidel, Berg, Thornton, J. Haber, Piehler. THIRD ROW: Abendroth, Smith, Kosfeld, D. Haber, Weiler, Bellman, Hoffstetter, Jost, Schaffner, Schneider, Wollgast.

Highlighting the social calendar for the spring semester was the more familiar St. Pat's celebration. Much time and effort was spent in preparing a float for the occasion. The Gold Rose Dance wound up the social life for the men of Eta.

During the past year a Mother's Club was organized in St. Louis. This very enthusiastic group is making big plans for the future.

Fall	OFFICERS	Spring
Lester Brockmann.....	President....	Gene Haertling
Paul J. Egan.....	1st Vice-President....	Paul J. Egan
J. Shildmeyer.....	2nd Vice-President..	J. Shildmeyer
Alfred F. Moeller.....	Secretary.....	John Weber
Ray Peters.....	Cor. Secy.....	Alfred F. Moeller
Gene Haertling....	Treasurer....	Lester Brockmann
Faculty Advisor.....		Prof. C. J. Grimm



FIRST ROW: Nothstine, Rose, Carpenter, Moser, Jennings, Casteel. SECOND ROW: Atkins, Fulkerson, Dawson, Hickman, Tuttle, Morgan. THIRD ROW: Barnard, Williams, Spittler, Pierson, Webb, Beck, Ware. FOURTH ROW: Ramsey, Raney, Mason, Reichert, Rabe, Matthews, Roberts.

Kappa Alpha Fraternity

KAPPA ALPHA was founded at Washington College (now Washington and Lee) in 1865. Since that time Kappa Alpha has grown until its 76 active chapters now extend from coast to coast. Although Kappa Alpha was born and nurtured in the south, its 36,000 members are residents of all parts of the nation. It is built on ideas and ideals which are universal in worth and merit.

Beta Alpha Chapter of Kappa Alpha Order was established at Missouri School of Mines on April 27, 1903, and in the past fifty-one years its members have built a reputation of which they can well be proud.

The chapter house, located at 1311 State Street, underwent a good deal of interior deco-

rating this past summer and was also considerably enhanced by a gift of new furniture and rugs which were donated to the chapter by the alumni.

During the past year the KA's took time out from their studies long enough to indulge in a few of the major social activities of the year. Homecoming, the first of these social events, was a marked success, as the KA's captured first prize for the best Homecoming decorations for the second consecutive year. Following in their order of occurrence was the Christmas Formal on December 4; the birthday of Robert E. Lee, spiritual founder of the fraternity, on January 19; and the St. Pat's celebration on March 19 and 20.

The Pledge Class of Beta Alpha was allowed to expend some of its prodigious energy during "Work Week". At this time the pledges accomplished the task of cleaning the house from top to bottom, washing and waxing the floors, and painting the dining room ceiling. "Work Week",



Kappa Alpha Fraternity

which was instituted at Beta Alpha several years ago, is rapidly replacing the old forms of hazing in all the major fraternities in the United States.

Kappa Alpha has been active in intramural sports during the past year and has also contributed its share of members to the various campus activities and organizations.

Scholastically, Kappa Alpha ranked third on the campus during the past year.

Southern Hospitality remains the KA's outstanding tradition.

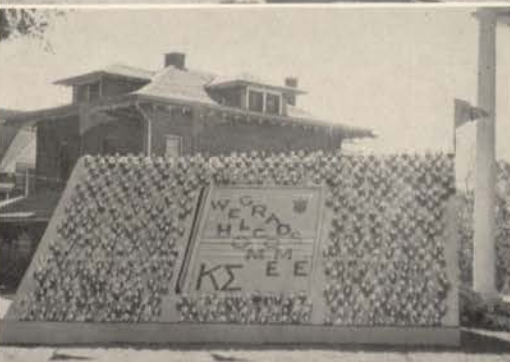
*Big Wheels. Grass cutters.
Suzies in the kitchen. Bull session.
Christmas dance. Girls for dinner?
Homecoming. Thank God mid is over.*

OFFICERS

President	Bruce Carpenter
Vice-President	Paul Moser
Recording Secretary	Neal Senter
Treasurer	Ben Johnson
Faculty Advisor	Karl Moulder



Kappa Sigma Fraternity



KAPPA SIGMA, a national social fraternity, was founded at the U. of Virginia on December 10, 1869. The M.S.M. chapter, Beta Chi, was founded November 3, 1903, having the distinction of being one of the three oldest fraternities on the campus. Highlighting the year was the 50th anniversary celebration at Homecoming when many of our alumni returned to celebrate the founding of the chapter. In its fifty years, Beta Chi has initiated 550 men into its fraternal order, many of whom have become prominent leaders in industry, civic affairs, and politics.

What then, makes Beta Chi of Kappa Sigma such an outstanding leader on the M.S.M. campus? Here are some of the reasons: Kappa Sigma is a perennial power on the intramural scene. For example, in the last three intramural basketball seasons it has captured the championship trophy twice, and finished second

Big "Wheels."

Pledge Dance.

Intramural football.

More Pledge Dance.

Second place Homecoming decorations.

Sing, men, sing!!!

Homecoming.

Queen "Vito."

Which is Bruno?

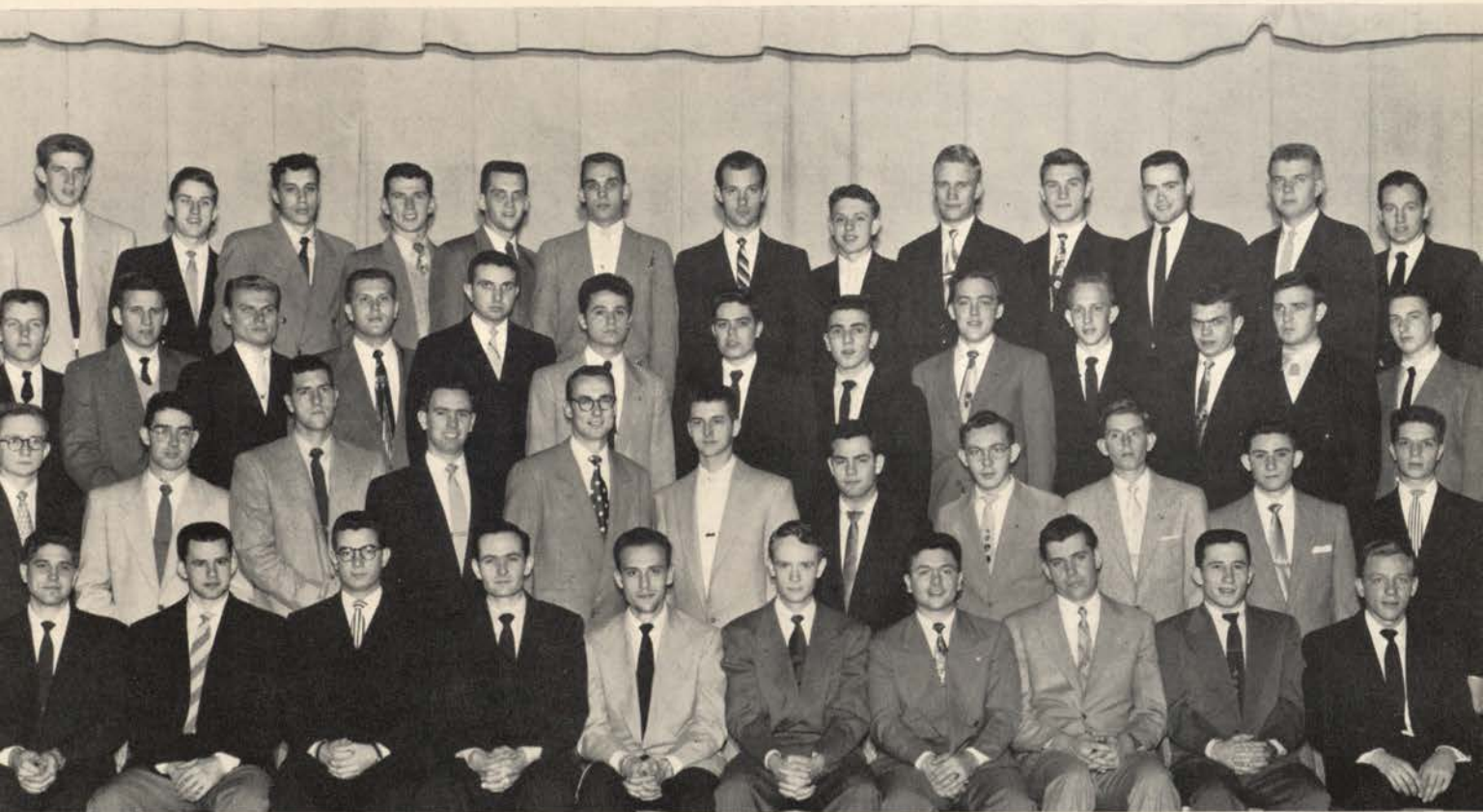
A grinning duck.

once, with the 1953-54 team copping the championship. Kappa Sigma is annually among the "Top Five" in the intramural standings, and always a championship contender. In varsity sports we have lettermen in football, basketball, track, and golf.

Socially, Kappa Sigma is again a leader. The 1953-54 school year saw four dances plus St. Pat's and Homecoming give the Kappa Sigs a chance to relax from the rigors of engineering study. Also, Kappa Sigma is a staunch sup-

Kappa Sigma Fraternity

ported. With the usual improvements made in the chapter house, the scholarship, leadership, activities, and athletics adding to its prestige, Kappa Sigma again showed its value to the campus, and fellowship for its members.



FIRST ROW: Plache, Thompson, Elswick, McBrayer, Kruger, Rudolph, Selvaggi, R. Andersen, Hart, Gender. SECOND ROW: Baruch, Crutcher, Huffman, Kummer, Gartland, Roush, Calhoon, Pipkin, Edwards, Clid, Lobacz. THIRD ROW: Miller, Schlensker, Lenz, Brentz, Hirsch, Chorzal, Green, Saunders, Warneke, Chapman, Funk, Macalady, Stokes. FOURTH ROW: Nelson, Anderson, Schaefer, Murphy, Ellis, Calhoun, Myers, Wheeler, Jones, Roth, Beirne, Glaser, Wolverton.

porter of campus activities as is evidenced by the many members active in Theta Tau, Blue Key, and the "M" Club, to name a few. With a second place in the I.F.C. Sing, and runner-up honors in the Homecoming Decorations, we again showed our support of campus activities.

Scholastically, Kappa Sigma is above the all-fraternity average, which shows that the primary purpose of the fraternity, to promote scholarship as well as fellowship, has not been over-

OFFICERS

Fall

Grand Master.....	Tom McBrayer
Grand Procurator.....	James Elswick
Grand Master of Ceremonies.....	Robt. Anderson
Grand Scribe.....	Allen Rudolph
Grand Treasurer.....	Harry Kruger
Faculty Advisor.....	Dr. Harold Q. Fuller

Spring

Grand Master.....	Kurt Plache
Grand Procurator.....	Sam Thompson
Grand Master of Ceremonies.....	Tony Selvaggi
Grand Scribe.....	Dale Chapman
Grand Treasurer.....	Ralph Jones
Faculty Advisor.....	Dr. Harold Q. Fuller



FIRST ROW: Norman, Woodall, Anderson, Smay, Emling, VanDusen, Smith, Higgs. SECOND ROW: Auld, Overton, Straumanis, Pillisch, Janesky, Lamb, Victor, Atkinson. THIRD ROW: Gratz, Duerr, Tanquary, Shultz, Brown, Krom, Noll, Burleson, G. Brown. FOURTH ROW: Beasley, Zook, Gruenwald, Tapp, Alexander, Roberts, Maddox, Fahy, McReynolds, Crissup.

Lambda Chi Alpha Fraterníty

THE Lambda Chi Alpha Social Fraternity was founded at Boston University in 1909, and since then has grown to become the largest national social fraternity. It has 144 chapters throughout the United States and Canada. The Chapter was originated in 1913 and was then known as the "Mucker's Club". Alpha Delta Zeta came into being when this club was admitted to Lambda Chi Alpha Fraternity in 1917.

Since its installment, the Chapter has participated in all school activities. It has made a good showing in the 1953-1954 intramural sports. The football team made a very good showing and the other teams bowed to very good competition.

The social season for Lambda Chi proceeded throughout the year with its usual excellent success; the Pledge Dance initiating the series of events. Homecoming provided a good time for both members and the many graduates who returned. The Harvest Dance, which the Chapter prides itself of being the best social event on the campus, was just that; it preceded the Sweethearts Dance. With St. Pat's and the Senior Farewell Dance yet to come, this season promises to be one well worth remembering.

The greatest aim of the Chapter this year is to see our new house built. A lot has been purchased near the intersection of Pine St. and Highway 66. A corporation is in its early development and a firm is drawing up the plans. If all goes well the new Chapter House will be completed by next fall.

This year Alpha Delta Zeta celebrates thirty-seven years on the M.S.M. campus, of which it feels duly proud.



Lambda Chi Alpha Fraternity



*The racketeers. Cuddle up a little closer.
Harmony? It's like this.
The twins. Let's dance, honey.
The married man. It's soda pop, Ma.*

OFFICERS

Fall

Spring

President.....	D. Emling	B. Smith
Vice-President.....	P. Van Dusen	J. Overton
Secretary.....	S. Anderson	F. Janesky
Treasurer.....	K. Smay	H. Stramanis
Faculty Advisor.....	William Higgs	



Pi Kappa Alpha Fraternity



THE Pi Kappa Alpha Fraternity was founded on March 1, 1868 at the University of Virginia. This year Alpha Kappa at Missouri School of Mines celebrated its 49th anniversary on the campus with a Founders Day Banquet on February 28.

These years at M.S.M. have boosted the fraternity to the top position on the campus scholastically, socially, and athletically. Already acclaimed as one of the most beautiful houses in Rolla, the chapter house received its share of attention this past year. The interior was painted and new light fixtures in the halls and dining room were installed, plus the installation of sound board on the ceiling of the halls and dining room. A new living room rug and a piano from the Mother's Club added much to the beauty of the living room.

The 1953-54 social season started with the Pledge Dance held late in

The "Little Corporals." I've had it!
The Voices of Tellefsen. Sic 'em, Scof.
Little Bucket
Have a big orange. Bess and date.
McCarthy Sub-committee.
Champ and friends. B.M.A.
That man again. I've had it too!!
Dunc's off again. Blast!!! Work Week?

October. Following this was Homecoming. The next social event was the Christmas Formal which is always held before the Christmas holidays. Starting the new semester, the Valentine Dance was held in February. Then came glorious St. Pat's, which was the most to say the least this year. Winding up the social life of the year was the Spring Dance which was held early in May.

Pi Kappa Alpha Fraternity

Mother's Day this year was a great success. A lot of credit goes to our Mother's Club, for they have supplied our needs.



FIRST ROW: Shepard, McMorris, Barnds, Holmbeck, Skaggs, Berg, Gerard, O'Brien, Winchester, Block. SECOND ROW: Clark, Radecke, Schulte, Mueller, Bess, Henninger, Murphy, Franklin, Kebel, Anderson, Johner, Muscovalley. THIRD ROW: Hollocher, Penzel, Mann, Pate, Steinbruegge, Waldo, Link, Wentz, Gollhofer, Burgess, Carr, E. Tellefsen. FOURTH ROW: Lockett, Morris, Powell, Howard, Grueninger, Pickering, R. Tellefsen, Pierre, Schejbal, Blank, Kruger, Krispin, Pfaff.

Among our social events is our Christmas Party for the underprivileged children of Rolla. This year the party was a great success. It is looked forward to with much more enthusiasm by the actives than by the kiddies themselves.

The first semester saw the house move to the top position scholastically. Also the house took the Intramural Football Championship for the second straight year.

OFFICERS

Fall

President.....	Charles C. Poe
Vice-President.....	William L. McMorris
Secretary.....	Glenn E. Holmbeck
Treasurer.....	Richard Berg
House Manager.....	James A. Gerard
Faculty Advisor.....	Dr. D. S. Eppelsheimer

Spring

President.....	Richard Berg
Vice-President.....	Robert G. O'Brien
Secretary.....	James O. Bess
Treasurer.....	Robert L. Skaggs
House Manager.....	Campbell Barnds
Faculty Advisor.....	Dr. D. S. Eppelsheimer



FIRST ROW: Wright, Hallett, Barco, Millar, Corneli, Fuller, Fitzwater, Toutz, Dowell, Lincoln. SECOND ROW: Holiday, Broaddus, Vineyard, Schwartz, Marlow, Reid, Zahner, Saussele, Cole, Crowe, Ellis, Leming. THIRD ROW: Damerval, Haubold, Lee, Swanson, Hall, Harting, N. Haubold, Mulherin, Wigger, Gilliam, Englick, Holman, Hall. FOURTH ROW: Farris, Gockel, Steele, Zacher, Webster, Campbell, Brumley, Stanford, Sparling, Cruse, Werbitzky, McClay.

Sigma Nu Fraternity

THE Sigma Nu fraternity was founded at the Virginia Military Institute at Lexington in 1869. Gamma Xi chapter, introducing social fraternities on the Missouri School of Mines campus, received its charter on January 3, 1903. Since that time Sigma Nu has evolved into one of the largest and most financially stable organizations of its kind. Sigma Nu has constantly strived to provide helpful and stimulating fellowship for its members.

A commendable rushing program was brought to a successful termination by the pledging of the largest class in the chapter's history. This group of pledges were directed in mind and spirit to a sense of intellectual character and social responsibility. Their

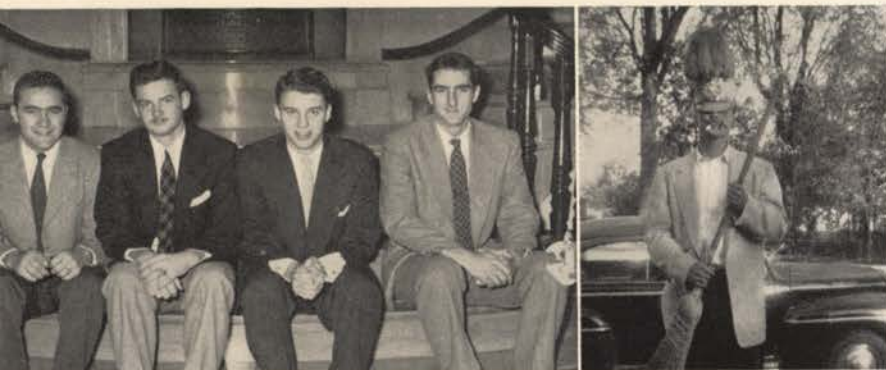
pledge training also emphasized proper scholastic leadership, and social adjustment.

Each December Sigma Nu, Sigma Phi Epsilon, and Sigma Pi combine forces to stage a Christmas party for the underprivileged children of Rolla. This year a number were entertained. The children were presented with gifts, Christmas stockings, refreshments and entertainment.

In the past few years Sigma Nu has been one of the top contenders for the intramural crown. This year has been no exception as the "Snakes" again were outstanding in the intramural sports program.

Sigma Nu's annual "Work Week" is a program in which we present our services to the community for a given period of time. This year's took place at Boys Town, St. James, Mo.

As a result of the social committee of Sigma Nu, many successful parties were given this year at the "Snake House". Starting off the social calendar was the Homecoming Party. Next



Sigma Nu Fraternity

was the Pledge Dance, which was given in honor of the pledges. To finish off the year in good form was the Annual Yukon Party, which was, as it annually is, a success. In the spring our annual Tea Dance was one of the high points of the gala St. Pat's celebration. The John Cotter Trio, which entertained at our open house, one of Sigma Nu's well-known parties, was well received by those in attendance.

<i>The Tyrants.</i>	<i>The Glob.</i>
<i>Lovers???</i>	<i>Business tycoon.</i>
<i>Slave labor.</i>	<i>Kiddie's party.</i>
<i>And we did!</i>	<i>Always room for one more.</i>
<i>Toutz's Tonsils.</i>	<i>The Hound.</i>

OFFICERS	Fall	Spring
Commander.....	James Millar	James Millar
Lt. Commander.....	Herbert Lincoln	William M. Hallett
Treasurer.....	Thomas Fuller	Reiner G. Haubold
Recorder.....	Philip Corneli	Samuel Barco
Faculty Advisor.....	Prof. Sam H. Lloyd	



Sigma Phi Epsilon Fraternity



TO PRESENT Sigma Phi Epsilon in a book such as this is a task not taken lightly, since to bring you the heartbeat of a fraternity is our purpose. The fraternity chapter is a family, and its house is, in every sense of the word, a home. We feel that the chapter house is a place where virtue must be the example. The men who live here soon recognize that anything less than this goes to make up a losing game.

We know that in learning to become scholars we are pursuing a positive virtue, that in cultivating the habits of gentlemen we not only acquire correct social behavior for ourselves, but also set examples for others who may observe and do likewise.

These in general are the aims and principles of Sigma Phi Epsilon. We have learned that pride in all this virtue is in itself a reward, expand-

*"The Rods." Go man, go!
Cokes???* *The best!!*
Break! *"I can pin anybody."*
Contented one plus two.
Ooohhh!
The scrounge.
"Whatta ya want fer Christmas?
Ain't love grand?
Skid row.

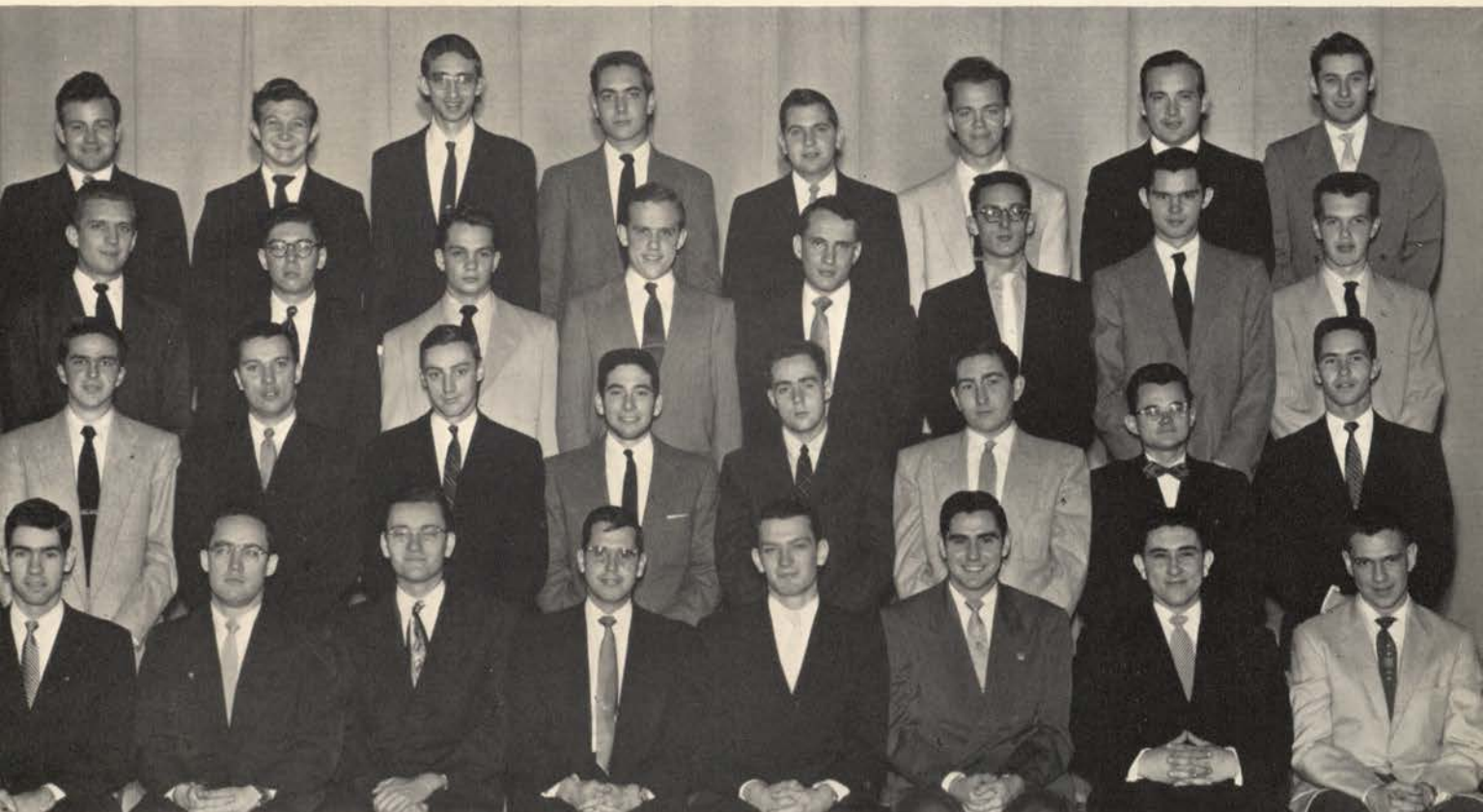


ing our sense of brotherhood and being neighborly toward all.

Our aims and principles are not things which are written only to give the impression of a well organized group; they are living, tangible things by which we conduct our everyday living. They are not the lessons which a few have learned in a short time, but are the things which have come to us from fifty years of existence. Our twelve founders did not recognize all of

Sigma Phi Epsilon Fraternity

"I would like to be a Phi Beta Kappa, a great athlete, and a campus leader. But first of all I want to be a good fraternity man in all that is meant by brotherhood in Sigma Phi Epsilon."



FIRST ROW: Schramm, Mead, Beghtol, Feldmiller, Held, Stewart, Bub, Roe. SECOND ROW: Mock, Dassieux, Bailey, Aberle, Knecht, Francel, Edwards, Sturdy. THIRD ROW: Finley, Aiberter, Ford, Soellner, Bogue, Pawelek, Kennedy, Barton. FOURTH ROW: Lony, Wilson, Hartman, Burton, Altheide, Milligan, Williams, Dietrich.

these things. They come from a group of men striving to live a better life while in college.

It is in the chapter house that the men of Sigma Phi Epsilon learn and practice these principles. The Sig Eps are not specialists in any one phase of college life. They are a well-rounded group of men, and a Sig Ep can be found in every extracurricular organization on the campus, both athletic and scholastic. It is here we attempt to live up to the creed of Sigma Phi Epsilon.

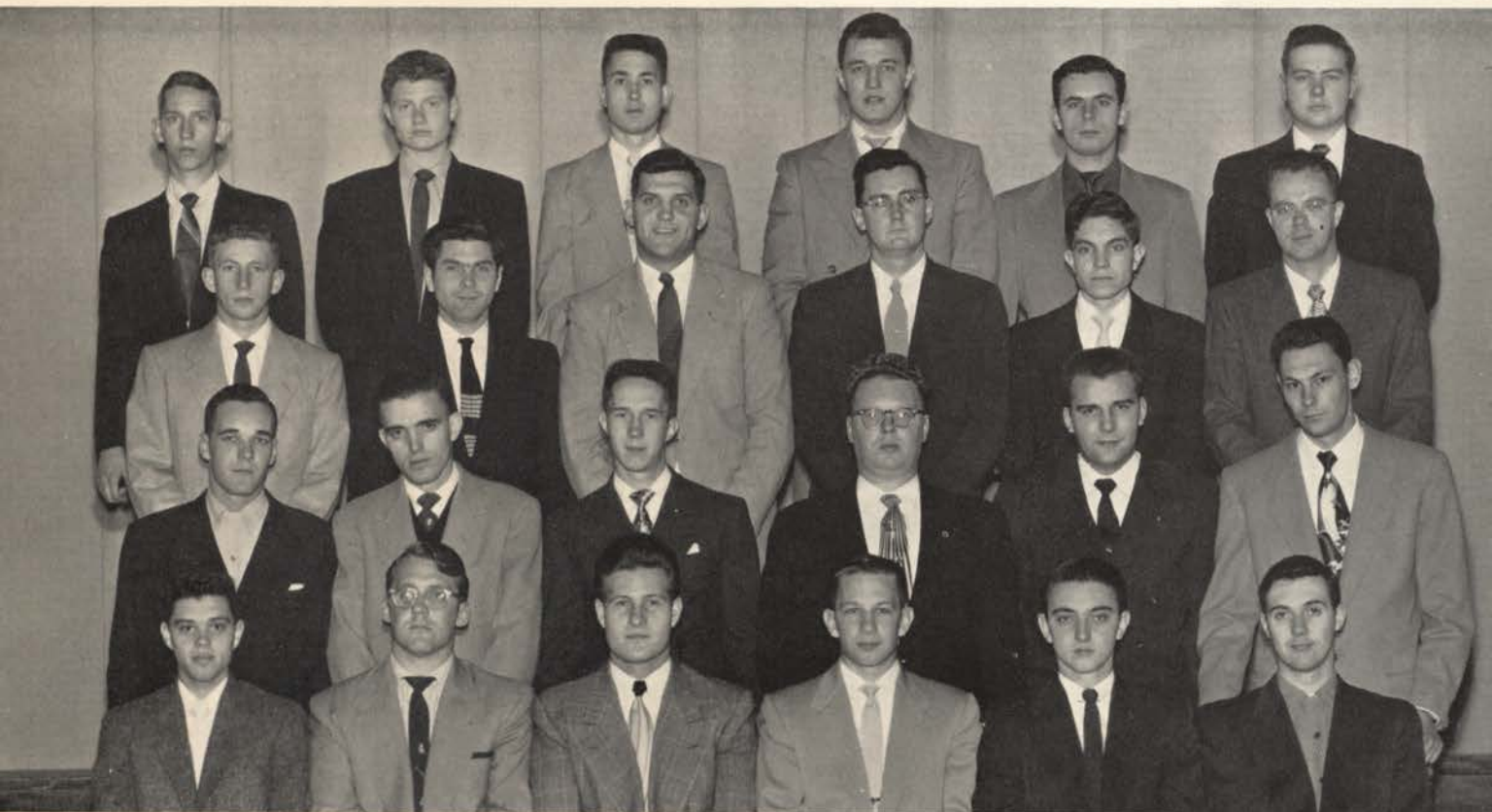
OFFICERS

Fall

President.....	William Feldmiller
Vice-President.....	Lawrence Held
Controller.....	Raymond Stewart
Secretary.....	Leroy Beghtal
Faculty Advisor.....	Ralph Showalter

Spring

President.....	William Feldmiller
Vice-President.....	Lawrence Held
Controller.....	Raymond Stewart
Secretary.....	Leroy Beghtal
Faculty Advisor.....	Ralph Showalter



FIRST ROW: Olsen, Reeg, Gotsch, Williamson, Resnick, Borgard. SECOND ROW: Amundson, Palmer, Tomazi, Kickham, Lockridge, Crowel. THIRD ROW: Harper, Hewett, Ashley, Hopler, Rathbun, Jenner. FOURTH ROW: Evans, Pope, Bass, Gramlich, Coffee, Boring.

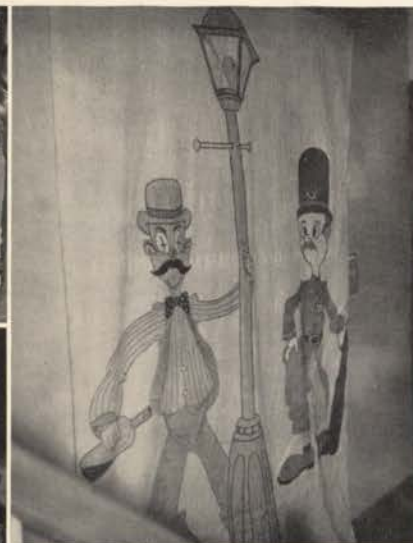
Sigma Pi Fraternity

THE Sigma Pi National Fraternity was founded February 26, 1897, at Vincennes University. The objects of the fraternity are to promote scholarship, develop the character of its members, and to diffuse culture. It aims to encourage better citizenship, prepare its members to cope with problems of life, and imbue them with an appreciation of life's real values.

The Alpha Iota Chapter of the Sigma Pi Fraternity was established at M.S.M. in May, 1933, evolving from an organization known as the Prospectors Club. The fraternity has been and continues to be well represented in all of the extracurricular activities on the campus.

The members look forward to the change of pace from the strain of scholastic life in the form of events that include the Homecoming Drop-in Party, the annual Gay Nineties Dance, the Tri-Sigma "Children's Christmas Party", the Chapter Christmas Party (where the value of the gift is enhanced many times by the poetic thoughts accompanying it), the outstanding St. Pat's celebration, and our traditional Spring Outing. Our observation of Founder's Day this year was an Alumni Dance in St. Louis on February 27.

The men of Alpha Iota have wholeheartedly participated in the various organizations on the campus, and many of them have brought honor to the chapter as a result of the capable leadership they displayed in the offices to which they were elected. One way in which they displayed their capabilities this year was by capturing a tie for the highest grade point among the campus organizations for the fall semester.



Sigma Pi Fraternity

In addition to campus activities, the actives and pledges alike devoted many leisure hours in laying a new tile floor in the kitchen and completely repainting the inside of the house, which greatly enhances its appearance. There has also been much individualism shown by various occupants in the decoration of their study rooms.

*Big men on the campus. Gay Nineties.
It takes team work.*

*Watch out boys, I'm coming through.
Fuzzy, "The Thinker."*

The paint goes on the wall, fellows.

I'm a lover.

Go Joe, go!

OFFICERS

Fall

Sage.....Richard Gotsch
1st Counselor.....Wilford M. Ashley
2nd Counselor.....Rayburn Williamson
3rd Counselor.....Rudy Resnick
Faculty Advisor.....

Spring

Glenn E. Borgard
Ronald Rathburn
Bob B. Amundson
Rudy Resnick
Dr. Paul Herold



Tau Kappa Epsilon Fraternity



THE "Fraternity for Life" has grown from a small nucleus of three chapters in 1899 to well over one hundred active groups throughout the United States today. This rapid growth with a great cross section is definite proof our purposes and ideals are desired by men everywhere. On these pages you may see pictures of one chapter of this great organization. They show the faces, home, social activities, and some of the achievements of men who are a small fine unit in the vast membership of Tau Kappa Epsilon. On this chapter's scroll are the names of men from twenty-seven states and a number of foreign countries. This group of M.S.M. "Tekes", less than one-thousandth of the undergraduate "Tekes", with such a wide geographic membership stress further that the organization offers what most men seek. This is Tau Kappa



*The Wheels. Teke royalty.
Dig that crazy Ronson. Small talk.
Homecoming.
Lovers. Beauty and the Beast.
 Teke queens.
Hoods. From Santa.
 The original Miner. How do!*

Epsilon at M.S.M. This is Tau Kappa Epsilon everywhere.

Like every good organization Beta Eta of "Teke" was successful in a number of competitive programs, most of which were intramurals. But what is as important is the fact that its members were outstanding as individuals by holding positions in innumerable campus organizations and activities.

The activity schedule at 1107 State Street during the past school year was highlighted by its

Tau Kappa Epsilon Fraternity

event. The French Underground, which has proven to be a campus favorite, came in February. The year ended with the Spring Outing and Barn Dance. Again this is Tau Kappa Epsilon.



FIRST ROW: Bruns, Lester, Bessey, Padan, Niemeyer, Ellis, Wilkinson, Dorris. SECOND ROW: Morris, Godzwon, Cooksey, Patton, Owen, Humphrey, Hoffman, Lamb, Sale, Heil. THIRD ROW: Zdanis, Habersaat, White, Feemster, McCoy, Groteke, Hunter, Walpole, Bentrup, Volker. FOURTH ROW: Herron, Greco, Matjesko, Uline, Heinrich, Pinkstaff, Smith, Riemschnitter, Herzog.

social events. Homecoming was early in the school year and therefore marked the first dance. The usual Buffet Dinner for alumni was featured. The Pledge Dance followed a month later with pledges in full charge of planning and decorating. A third event which was looked forward to by all was Parent's Day, featuring a "drop-in" and banquet. Frater Dean Wilson was the traditional speaker. December saw the Carnation Formal. Miss Dorothy Nash was chosen "Teke" Sweetheart for 1953 at this

OFFICERS

Fall

PresidentJohn Padan
Vice-PresidentJerry Holder
Treasurer.....Dale J. Orrick
Secretary.....John Ellis
Faculty Advisor.....Dr. William Bessey

Spring

President.....Dale J. Orrick
Vice-President.....Charles J. McCoy
Treasurer.....John O. Herzog
Secretary.....Fred Smith
Faculty Advisor.....Dr. William Bessey



FIRST ROW: LeBrun, Lesyna, Yallaly, Stearman, Hanss, Goeddel, Oefelein, Bieser, Burns, Gulotta. SECOND ROW: Olsen, Farmer, Spann, Tice, Shea, Kozeny, Head, Douglass, Almstedt, Tuberty. THIRD ROW: McCarthy, Heumann, Groppe, O'Keefe, Real, Hesse, Fitzgibbons, Wagner, Gavan, Lembeck, Mudd. FOURTH ROW: Barczykowski, Hanss, Burlbaw, VanBuskirk, Corcoran, Kline, Stone, Zickel, Hoffmann, Baechle, Freesheier.

Theta Kappa Phi Fraternity

MU CHAPTER of Theta Kappa Phi, a national college fraternity for Catholic men, was founded in 1925 as the Order of Cardinal Mercier, and was admitted to the national fraternity in 1936.

Mu Chapter has known the meaning of progress in this past year. Advancements have been made in practically every phase of our college life. The splendidly remodeled chapter house affords the men with luxuries never before realized at the Theta Kap House. The architect did an excellent job of converting the old house, which was designed for other purposes, into the present fraternity house. The improvements have in their entirety proven to be wise decisions; and, as such, have blended

well, resulting in increased efficiency in the operation of the chapter house. The lessening of time-consuming tasks and greater conveniences for all have increased and improved the study hours and living quarters of our house. The future holds additional improvements for the "Cow House".

Socially, the Theta Kaps held the Pledge Dance, the Christmas Formal, and the Spring Formal. Homecoming, Parent's Day, and St. Pat's celebrations rounded out the year's social program.

On the national scene, for the first time in the past four years, Mu Chapter was not the recipient of the First National Efficiency Award. However, the chapter was by no means overlooked on the award scene, as it garnered the Chapter Publication Award for the third time in its four years' existence, and gained the Honorable Mention for the Efficiency Trophy. We're looking forward to regaining that trophy this coming year.



Theta Kappa Phi Fraternity

With respect to intramural sports, TKP has been in the thick of the competition. While not having achieved gratifying results, the chapter has put forth fine teams in football, basketball, wrestling, boxing, volleyball, bowling, and softball, and all have demonstrated very well the cooperation and team spirit that will eventually lead to additions for our trophy case.

Certainly 1954 will be remembered by all who were fortunate enough to enjoy the improvements as a year of great progress for Mu Chapter.

*House officers. New trophy case.
Merry Xmas! Guns???
Having trouble? Christmas Dance.
Toonerville Trolley.
Jerry and Suzie.
Homecoming Float.
Practice makes perfect.
Bolger and friend.
Hold that roof down!*

OFFICERS	Fall	Spring
President.....	James Goeddel	James Goeddel
Vice-President.....	Robert Hanss	Robert Hanss
Treasurer.....	Joseph F. Lesyna	Joseph F. Lesyna
Secretary.....	Raymond Skubic	Raymond Skubic
Faculty Advisor.....	Dr. Thomas M. Morris	

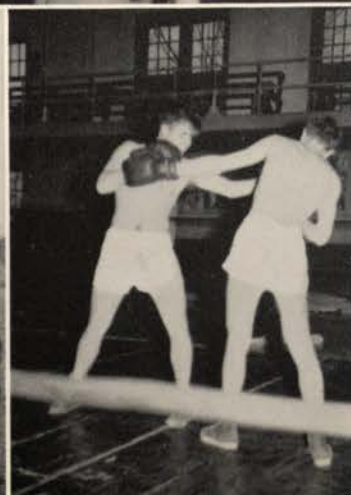


Theta XI Fraternity



THETA XI fraternity was founded on April 29, 1864, at Rensselaer Polytechnic Institute at Troy, New York. The Alpha Psi Chapter at the Missouri School of Mines means it is one of the youngest on the campus.

Since its installation four years ago, the fraternity has grown into a closely knit organization with a full schedule of intramural sports and social activities. The chapter captured the Intramural Boxing Trophy for the year 1953, which is proudly displayed in the living room. The usual social activities during the school terms include the Homecoming Dance, the Pledge Dance, the Christmas Dance, the Valentine Dance, and the Spring Formal. It has also been customary to have married members and their families as guests for Sunday dinners. Initiation ceremonies were held for eight new members last February 14, 1954.



*The Wheels. Watch the birdie.
Crazy. Let's have a big orange.
And did you hear . . .
Go man, go!
Whose what is on whose?
Practice makes perfect.*

This year's candidate entered for the St. Pat's Queen contest is Miss Sue Baker of Normal, Illinois; while for the maid is Miss Jo Ann Holmes of Kansas City, Kansas. Last year's maid was Mrs. Jo Ann Runvik.

Among the new improvements added to the house was a remodeled kitchen. It was given a complete fresh coat of paint. The walls around and behind the stove and oven were also given new bright blue protective boards. The job was started and finished last summer

Theta XI Fraternity

the Alumni Secretary and comes out without notice or warning. It contains news of interest to alumni. Responses from them have been very encouraging.



FIRST ROW: Sancianco, Runvik, Korn, Watson, Peck, Tolpen. SECOND ROW: Ross, Hodge, Wick, Canady, Barlow, Krueger, Fard. THIRD ROW: Zimmerman, Heinsohn, Young, Banks, Williams, Mickes, Prager, Mulford, Heavlin.

during the spare time of Dick Runvik and Hank Purnhagen. A new exhaust fan was installed early this fall.

The main emphasis for the objective of the year is good scholarship. A blackboard has been secured for the use of students desiring tutorship in subjects they find difficult. It is hoped that four-year graduates are thus produced.

The chapter's publication is a mimeographed magazine, the "Alpha Sigh". It is prepared by

OFFICERS

Fall

President.....Arthur Canady
Vice-President.....John Canady
Treasurer.....Watson Rasey
Secretary.....William Hays
Faculty Advisor.....Dr. Frank Conrad

Spring

President.....Richard Runvik
Vice-President.....Henry Purnhagen
Treasurer.....Watson Rasey
Secretary.....Generoso Sancianco
Faculty Advisor.....Dr. Frank Conrad



FIRST ROW: Hemken, Murphy, Mullins, Godsey, Hubeli, Paladin, Crutcher, McQuie. SECOND ROW: LeGrand, Close, Randolph, McGovern, Wade, Olinger, Macios, Estep, Dombrosky. THIRD ROW: Phillips, Lowell, Wilkes, Ruch, Evans, Paar, Henson, Robino, Schreiber, Macios.

Triangle Fraternity

TRIANGLE, a fraternity of Engineers and Architects, was founded in 1907 by sixteen Civil Engineering students at the University of Illinois. The aims of the fraternity are to improve scholastic and social standing among engineering students and among those in industry.

The Missouri Mines Chapter was installed in December, 1927. It was formerly known as the "Grubstakers Club", the first social organization on the campus (founded in 1907). Since that time Triangle has taken its place among the leaders here at M.S.M.

This chapter also has a wonderful Mother's Club. The mothers rate a vote of thanks for all they have done to improve the house. Alumni

of this chapter living in St. Louis have been working in close cooperation with the Active Chapter, giving a lot of moral support and needed advice.

Socially Triangle had a very successful year. The first event of the year was Homecoming. The inhabitants of "The Rock House" turned out in force to welcome the returning grads. A fine showing of parents was present for "their day", October 24. The opportunity was given them to inspect their sons' home away from home. The highlight of the whole social season was the Christmas Dance. Everyone's spirits were given an additional boost by having the Interfraternity Sing. A big factor in this victory was the song, "Hail Triangle", written by our own Bill Paar. Following the Christmas Dance came the St. Valentine's Pledge Dance, organized by the pledges themselves. St. Pat's and a Spring Dance and Outing rounded out a very highly successful social season.

In the intramural sports program Triangle



Triangle Fraternity

took active participation. We entered teams in all events and a good showing was made.

Triangle possesses that spirit which is invaluable for the success of any organization. With this in mind Triangle is looking forward to the years to come and the improvements and accomplishments they may bring.

<i>Wheels.</i>	<i>Saturday night.</i>
<i>Go man, go!</i>	<i>Now Kinsey says . . .</i>
<i>Merry Christmas.</i>	<i>From the other side.</i>
	<i>Minerologist.</i>
<i>IFC Sing winners.</i>	<i>Xmas Dance.</i>
	<i>Ferrous metallurgist.</i>

OFFICERS		
	Fall	Spring
President.....	James A. Hubeli	Terry Godsey
Vice-President.....	Terry Godsey	Frank Paladin
Treasurer.....	Frank Paladin	Herman E. Hemken
Recording Secretary.....	Larry Murphy	Theodore Macios
Corresponding Secretary.....	Morton L. Mullins	Willis F. Estep
Faculty Advisor.....	Prof. S. J. Pagano	





Fred Smith
ST. PAT of 1954

St. Pat's Celebration

ON Wednesday, March 17, the long-awaited St. Pats Holidays finally arrived, and from the first "Big Orange" that afternoon 'till the last of the die-hards dragged themselves to bed Sunday evening, it was evident to all that this was the best celebration ever

Having arrived safely from the Emerald Isle to pay his yearly visit to the school of his choice, St. Pat led his parade in traditional fashion through the streets of Rolla to Parker Hall, where he addressed his loyal followers, and then conferred the honor of knighthood upon his faithful senior subjects. That night at the costume ball, Fred Smith, St. Pat of 1954, crowned lovely June Lange his Queen of Love and Beauty.

The many fraternity parties, the dancing to the music of Ralph Flannigan, the Sigma Nu Tea Dance and Saturday afternoon picnics and that tired, partied out feeling on Sunday morning will make the 1954 St. Pat's Celebration long remembered and treasured by many a Miner and his date.



The Coronation



Miss June Lange

Queen of Love and Beauty
St. Pat's, 1954



Anna Ruth Yancey
Kappa Alpha



Marilyn Schroeder
Triangle



Joan Holmes
Theta Xi



Virginia Brennan
Theta Kappa Phi

Court of Love

ST. PAT'S



Mrs. Martha Keene
Independents



Mary Ann Murphy
Kappa Sigma



Mrs. Betty Krieg
Independents



Marcella Marschel
Sigma Phi Epsilon



Pat Owen
Beta Sigma Psi



Ann Dowell
Sigma Nu

and Beauty 1954



Nancy Kornfeld
Pi Kappa Alpha



Bobby Burleson
Lambda Chi Alpha



Barbara Greer
Sigma Pi



Jean Steltjes
Tau Kappa Epsilon

St. Pat's Winning Floats

*First place float . . .
Lambda Chi Alpha.*



*Second place float . . .
Sigma Phi Epsilon.*



*Third place float . . .
Kappa Alpha.*



Queen's float . . . Tau Kappa Epsilon.

St. Pat's Scenes

*Ralph and June.
Milling Miners.
Our boy "Vac".*

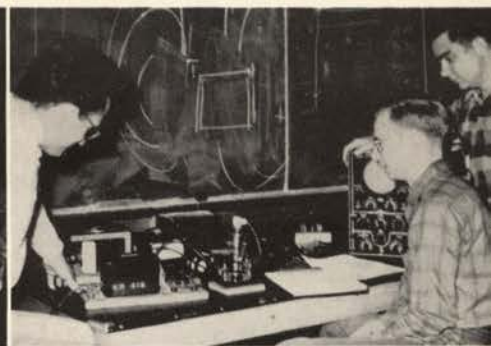


*Miner Royalty.
Beautiful!!
"Tiger" and costume.*



*Golden-throated orator.
St. Pat arrives.
Knight of St. Patrick.*





*Pep Rally.
What's this??
Athletes?*

*Theta Tau Banquet.
Visiting dignitaries.
Mets at work.*

Suzies.

*Careful.
Pulver at work.
"The Girls."*

AS ANOTHER year closes, the Rollamo Board would like to sincerely thank our faculty advisor, Prof. John Brewer, the administration and help in Parker Hall, and many others here at M.S.M.

In addition, we would like to thank the professionals serving the Rollamo Board: Mr. Harry Swain and Central Engraving Company, Mr. Leo Painter and Model Printing Company, Mr. Paul Schenk and Beckett Company, and Mr. Ray Grass and Esquire Studio.

We sincerely hope that you have enjoyed this edition of the Rollamo and that it brings you many pleasant memories in the years to come.

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